



**PHASE I ENVIRONMENTAL SITE ASSESSMENT
AMERBELLE CORPORATION
104 EAST MAIN STREET
VERNON, CONNECTICUT**

Prepared for:
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File No. 553-003
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March 8, 2004
File No. 553-003

Mr. Mark R. Sussman
Murtha Cullina LLP
CityPlace I - 185 Asylum Street
Hartford, Connecticut 06103

Re: Phase I Environmental Site Assessment
Amerbelle Corporation
104 East Main Street
Vernon, Connecticut

Dear Mr. Sussman:

We are pleased to submit this Phase I Environmental Site Assessment of the Amerbelle Corporation property located at 104 East Main Street in Vernon, Connecticut. This site assessment was performed in general accordance with ASTM E 1527-00, Standard Practice for Phase I Environmental Site Assessments and the Connecticut Department of Environmental Protection's "Transfer Act Site Assessment Guidance Document" (June 1989).

The attached Executive Summary provides a brief description of the findings of our environmental assessment. We recommend reviewing the report in its entirety for all pertinent information obtained.

We appreciate the opportunity to work with you. Please contact the undersigned if you have any questions.

Very truly yours,

GeoDesign, Inc.

Alan F. Colwell
Environmental Scientist

Timothy Carr, LEP
Principal



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EXECUTIVE SUMMARY

This report was prepared by GeoDesign, Inc. (GeoDesign) to summarize the results of a Phase I Environmental Site Assessment (ESA) of the Amerbelle Corporation facility located at 104 East Main Street in Vernon, Connecticut (site). This environmental site assessment was conducted in general accordance with ASTM E 1527-00 and the Connecticut Department of Environmental Protection's "Transfer Act Site Assessment Guidance Document" (June 1989) and is subject to the Limitations of this report. No previous Environmental Assessments have reportedly been completed for the site.

This Executive Summary provides a brief description of the findings of our environmental assessment. We recommend reviewing the report in its entirety for all pertinent information obtained. A Site Plan is provided as Figure 2 in Appendix 1.

Site Description

The site consists of two separate parcels of land which are occupied by the Amerbelle Corporation and are separated by Brooklyn Street. The property south of Brooklyn Street consists of 2.7-acres of land occupied by an approximately 57,500 square foot two-story brick building which houses Amerbelle's textile dyeing and finishing operations. The property north of Brooklyn Street consists of approximately 1.5-acres of land which is occupied by an approximately 42,700 square foot mill complex which houses Amerbelle's textile coating operations and industrial boiler systems.

The facility is supplied with heat from two large industrial boilers located in the north-central portion of the property. Fuel oil is stored in two 18,000-gallon aboveground tanks located in a concrete containment structure that is fully-enclosed by a prefabricated metal building. These tanks are located in the central portion of the site. Four oil-filled transformers are located outdoors in a fenced enclosure, just east of the fuel oil tank farm. One large transformer is marked as non-PCB containing. Three smaller transformers are indicated to contain PCBs.

The Hockanum River flows through Amerbelle's site, in a raceway constructed beneath several of the mill buildings. The river flows from the southeast corner to the north-central portion of the site. The raceway was constructed years ago when the Hockanum River was first used to supply power to the textile mills.

The ground surface of the site slopes downwards from the south to the north with an overall topographic relief of approximately 80 feet. Based on regional topography, geology and drainage considerations, the migration of groundwater beneath the site is expected to be towards the northwest and controlled by the elevation of the bedrock surface, the presence of the historic raceway, and other historic drainage features. The bedrock surface is anticipated to be irregular but to generally slope downward towards the north/northwest.



Groundwater underlying the site is classified as GB. This indicates an area in which groundwater is known to be, or presumed to have been, affected in quality by historic intense urban commercial and industrial development. The site and properties in the vicinity are served by municipal water supplies.

Current Operations

Amerbelle operates at the site as a “commission dye house”. The company performs dyeing, coating and finishing of synthetic and blend fabrics for textile converters. Bales of nylon or polyester fabrics, typically linen-white in appearance, are received into the facility from the Greige Mills that weave the fabric. Within Amerbelle’s facility, the fabric is typically scoured, bleached and dyed. Following the dyeing process, the fabric is typically processed through calendars to tighten the weave. The fabric is then further processed by application of latex or solvent-based coating and/or a water-based finish solution. Following lay-up and inspection, the fabric is packaged and shipped either to the customer or to the next step in the textile converting process.

Amerbelle’s dyeing and finishing operations are conducted inside Building No. 14. Dye chemicals and dye stuffs are measured out and prepared for use in an area of the “Dye House” located in the northwest corner of Building No. 14. The dye chemicals and dye stuffs are then delivered out to the Dye House floor for use in three different types of dyeing processes: beam dyeing, jig dyeing and jet dyeing. Finishes are applied to fabrics in the “Finish Department” located at the eastern end of Building No. 14. Finishes are applied by whole fabric immersion in a water-based finish solution. Finishes impart physical attributes to the fabric such as water-repellency or flame retardance. Finishes can also be applied to provide anti-microbial or anti-static properties to a fabric. Finish chemicals are measured out and prepared for use in an area in the southeast portion of Building No. 14. Finish chemicals are then applied to fabric at the feed ends of five finish “tenter frame” machines. The fabric is then dried in gas-fired drying ovens.

Amerbelle’s dyeing and finishing operations consume large quantities of water, for process use and for non-contact cooling. Amerbelle’s water needs are largely met by withdrawing water on-site from the Hockanum River. Hockanum River water is pumped from the raceway and then processed through bag filters for use as non-contact cooling water, and through a combination of sand filters and bag filters for use as process water. Filtered water for process use is stored in several aboveground tanks and then pumped to the various dyeing and finishing machines. The water is batch mixed with dye chemicals, dye stuffs and finish chemicals at the individual dyeing machines and finishing frames and applied to the fabric. Significant amounts of water are also used to rinse the fabric.

After processing, batches of dye, finish and rinse wastewaters are discharged to a network of floor trenches and sumps in Building No. 14. All of the wastewater is eventually conveyed to a stainless



steel in-ground collection sump, located in the western portion of the building. From here, the wastewater is pumped to two 7,500-gallon aboveground stainless steel neutralization tanks for pH adjustment. Approximately 150,000 gallons to 200,000 gallons of dyeing and finishing wastewater is discharged to the sanitary sewer per day, in accordance with a state-issued sewer discharge permit.

Filtered river water is used for non-contact cooling in “cooling cans” located at the ends of the finish tenter frames and at the ends of the coating lines. Non-contact cooling water is also used in five water-cooled air compressors. The non-contact cooling water is discharged back into the Hockanum River at the northwestern portion of the site, in accordance with a National Pollution Discharge Elimination System (NPDES) permit issued by the state. Current flows of non-contact cooling water average about 200,000 gallons per day (gpd).

Much smaller amounts of river water and “city” water are used for contact cooling, for laboratory use, for equipment maintenance, and for sanitary purposes. A total of approximately 2,000 gpd of process and sanitary wastewater is discharged to the sanitary sewer following use as boiler blowdown, floor washing, compressor condensate, quality control laboratory operations, and sanitary use.

Amerbelle’s “Coating Department” is located indoors on the north side of Brooklyn Street. Amerbelle operates one coating line for applying water-based “latex” coatings and two coating lines for applying solvent-based coatings. Solvent emissions from the two solvent coating lines are directed to a gas-fired thermal oxidizer or “incinerator” to accomplish destruction of volatile organic compounds (VOC) prior to discharge to the environment, in accordance with a state-issued air emission permit.

Coatings are applied to one side of the fabric using knife-coating operations. The coated fabric then enters drying ovens that are heated by natural gas (for the latex coater) or by air-to-air heat exchangers (for the two solvent coating lines). The air-to-air heat exchangers draw heat from the exhaust gases leaving Amerbelle’s gas-fired thermal oxidizer. Amerbelle’s coatings are either solvent-based or water-based, and include acrylics, acrylic and urethane blends, urethanes and silicones. Amerbelle’s solvent-based coatings typically contain toluene (40 to 45%), isopropyl alcohol (10 to 15%) and methyl ethyl ketone (2 to 3%) as the principal solvents. Coatings are typically applied to impart physical attributes such as custom pigmentation, breathable waterproofing, flame retardance, or anti-microbial or non-ravel properties.

Small amounts of wastewater generated by the clean-out of equipment used to mix and apply the latex coatings are discharged to the sanitary sewer in accordance with a state-issued discharge permit. Small amounts of waste generated by the clean-out of equipment used to mix and apply the solvent coatings are collected and disposed off-site as a hazardous waste.



After dyeing, coating and finishing, fabrics are subjected to inspection on the second floor of Building No. 14. Stains and marks on the fabric are removed by an airbrush applicator using trichloroethylene (TCE). Very small quantities of TCE are used in this process. No waste TCE is generated.

A maintenance shop located within Building No. 12 performs typical maintenance functions including welding, minor machining (turning, milling, grinding), and electrical repair. A small mineral spirits parts cleaner is located here for maintenance department use. A second parts cleaner is located in the boiler department in Building No. 5. This parts cleaner utilizes a citrus-based cleaning fluid. A quality control laboratory is located on the second floor of Building No. 8. This lab conducts a variety of dyeing and finishing tests on fabric samples. The QC lab also performs dry clean testing on fabric samples and employs the chlorinated solvent perchloroethylene (PCE). Very small quantities of PCE are used in this process. Waste PCE is accumulated and shipped off-site as a hazardous waste.

Site History

The first mill buildings at the 104 East Main Street site were constructed between 1865 and 1869. The site became known as Dart's Stone Mill for its stone construction and "solid rock foundation". Textile dyeing and finishing operations by various tenants and owners have been the main industrial activity almost continuously since that time.

Two 20,000-gallon underground storage tanks had been installed at the site sometime in the 1940s. These tanks were used to store No. 6 fuel oil until about 1983. They were then used to store a recycled fuel oil until late in 1989 when the two tanks were removed. Although the documentation is not clear, available data appears to indicate that when the tanks were removed, there was no significant contamination.

Up until 1993, two underground storage tanks (one 3,000-gallon, one 5,000-gallon) were used to store xylene at the site. These tanks were removed in 1993. The tanks had previously passed tightness testing. No information was obtained regarding the physical condition of the tanks at the time of their removal or of post-excavation soil sampling.

Environmental Regulatory Compliance File Information

GeoDesign was not retained to conduct a regulatory compliance audit of Amerbelle's operations. However, the file review did reveal that, in the past, Amerbelle had been cited for violations of state environmental regulations pertaining to air and water discharges and hazardous waste management. According to Amerbelle personnel, the company does not have pending enforcement actions and all permits are currently in place and being complied with. There is an extensive regulatory history for the site regarding air, water and waste management issues.



Air Management

In July of 1997, Amerbelle operated as a major emission source and submitted an application to CTDEP for a Title V air operating permit. However, in May of 2003, prior to CTDEP issuing the Title V permit, Amerbelle withdrew its permit application and instead applied for coverage under Connecticut's General Permit to Limit Potential to Emit. The company is no longer a major emission source and is currently covered by this latter permit. Amerbelle presently maintains several other CTDEP-issued air permits. The company has an air operating permit for each of its industrial boilers, and it also has a permit authorizing the use of a heat recovery system when operating its boilers. Amerbelle also has an air permit for the thermal oxidizer used to destroy the solvent vapors generated by the two solvent coating lines. Amerbelle has CTDEP registrations for a number of emission sources that were in place prior to 1972 (finish tenter frames, contact heat sets, and latex coater).

Amerbelle has notified CTDEP they are a specification used oil fuel burner. The specification used oil is provided by United Oil Recovery of Meriden, Connecticut, and burned in Amerbelle's two industrial boilers, pursuant to the terms of the boilers' air permits.

Water Management

Amerbelle has registered with the CTDEP Water Management Bureau for the diversion of surface water from the Hockanum River. The company has discharge permits for its various dyeing and finishing wastewaters, for other process contact wastewaters, and for non-contact cooling water used in the various manufacturing operations. Non-contact cooling water is discharged to the Hockanum River at an average rate of about 200,000 gallons per day (gpd). This discharge is authorized by an NPDES permit. This water is principally used in "cooling cans" used to cool the fabric at the ends of the finish frames and coating lines. Non-contact cooling water is also used for five water-cooled air compressors. Contact cooling water, boiler blowdown, compressor condensate, latex coating washwater and sanitary wastewater is currently discharged to the sanitary sewer at an average rate of approximately 2,000 gpd. A separate discharge of pretreated air scrubber wastewater is maintained whenever Amerbelle operates the permitted heat extractor for its two boilers. When operating, this process produces a wastewater discharge that averages anywhere from 6,000 to 18,000 gpd. Dyeing and finishing wastewaters are pH adjusted and discharged to the sanitary sewer at an average rate of 150,000 to 250,000 gpd.

The company has received Notices of Violation in the past for exceeding parameters of its wastewater permits. As recently as December, 2003, the company received a Notice of Violation alleging deficiencies relating to the company's discharges to the sanitary sewer. The company responded to this Notice of Violation in January, 2004, and is said to be presently operating in full compliance with its discharge permits.



Waste Management

Amerbelle notified the CTDEP Waste Management Bureau that the facility was operating as a Large Quantity Generator of hazardous waste on August 13, 1980. The company is reportedly currently operating as a Small Quantity Generator of hazardous waste (EPA ID. No. CTD001139898). As such, the facility meets the definition of an "Establishment", as defined by the Connecticut Transfer Act (CGS 22a-134).

In 1987, the company was cited for violations related to the burning of hazardous waste or off-specification fuel oils in the industrial boiler system. These matters have reportedly been corrected.

Miscellaneous

A total of thirty-two incidents have been documented involving oil or chemical spills/releases. These were reported to have occurred from 1984 through 2002. The information available in many of these cases was not sufficient to determine the potential for impact to site soil or groundwater.

Site Observations

Ice and snow cover at the time of the site inspection prevented GeoDesign from making meaningful observations of surficial soil conditions in areas outside of the buildings. It was noted that the majority of the site is covered by building and paved surfaces. Observations of the site indicated that oil and hazardous materials were being used and stored at many locations. This storage was located within the buildings and/or containment structures designed for chemical storage. No oil or hazardous materials were observed being used or stored in outdoor areas.

The concrete aggregate in some of the observable wastewater conveyance trenches in Building No. 14 was exposed and indicated evidence of surface deterioration due to water and chemical erosion. Cracks on the surface of the concrete floor were also observed. Floor trenches, drains and manholes were observed in other buildings (Buildings Nos. 8, 11, and 13). Facility personnel indicated that many of these drains had been plugged to conform to CTDEP requirements.

An exhaust vent from the dye mixing room in Building No. 14 appeared to be discharging a dark condensate which stained the snow, at the base of the building foundation.

Recognized Environmental Conditions

Based on our review of the information and site observations, we have identified a total of twenty-one Recognized Environmental Conditions (RECs). Surficial or subsurface sampling and analyses would be required to assess potential contaminant concentrations at these locations. Additional information may be available which will eliminate some of these areas from consideration as RECs.



Summary

The information obtained indicated that the property has had a long industrial history related to textile dyeing and finishing operations. Based on historic and on-going manufacturing operations, the site is considered an “Establishment” under Connecticut’s Property Transfer Act (22a-134).

Subsurface sampling and analyses would be required to assess soil and groundwater impacts from historical manufacturing operations, including former underground storage tanks, PCB-containing transformers, and oil and chemical spills at the site.



1.0 INTRODUCTION

1.1 BACKGROUND

This report was prepared by Geo**Design**, Inc. to present the results of a Phase I Environmental Site Assessment (ESA) completed for the property at 104 East Main Street in Vernon, Connecticut. The property is currently owned and occupied by Amerbelle Corporation. Amerbelle Corporation dyes, finishes and coats textile fabrics to customer specifications.

1.2 PURPOSE

Our site assessment was conducted to provide an opinion as to the presence of existing or potential Recognized Environmental Conditions, as defined by ASTM E 1527-00. This report has been prepared for Murtha Cullina LLP of Hartford, Connecticut.

1.3 SCOPE OF SERVICES

This study included a site reconnaissance and a review of available information regarding the environmental history of the property and adjacent areas. The scope of services was outlined in Geo**Design**'s proposal, dated January 13, 2004, which was subsequently approved by Attorney Mark Sussman of Murtha Cullina LLP. Geo**Design** did not perform an asbestos survey or regulatory compliance evaluation as part of this project. The details and results of this assessment are subject to the appended Limitations.

1.4 PREVIOUS REPORTS REVIEWED

No previous Phase I Environmental Site Assessments have reportedly been completed for the site. Numerous permit and correspondence files are maintained on-site pertaining to regulatory compliance permitting and various water, waste and air discharges from industrial processes. We were provided access to much of the information maintained in company files. The regulatory information obtained is summarized below.

2.0 SITE SETTING

2.1 GENERAL DESCRIPTION

The site consists of two separate parcels of land and building complexes which are occupied by the Amerbelle Corporation and separated by Brooklyn Street. An Area Plan and a Site Plan are provided as Figures 1 and 2 in Appendix 1. Photographs showing specific areas of the site are also included in Appendix 1.



The following provides general site information:

Site Location:	104 East Main Street, Vernon, CT Tolland County
Site Owner:	Amerbelle Corp
Town Clerk's Reference:	Map 41 Block 117 and 119
Town Zoning:	Industrial
USGS Quadrangle:	Rockville, Connecticut
Utilities:	Electric – Overhead wires to four transformers located in the central portion of the site north of Brooklyn Street Water – Connecticut Water Company Sewer – Town of Vernon municipal sewer Heat – Specification used fuel oil stored in two 18,000-gal. above ground tanks. Propane (stored in a 30,000-gal above ground tank) and natural gas are also used.

The southern-most parcel consists of 2.7-acres of land occupied by an approximately 54,500 square foot (footprint) two-story brick building (Building No. 14) which houses Amerbelle's textile dyeing and finishing operations. Building No. 14 was constructed in 1956. Building No. 14 adjoins an approximately 3,000 square foot four story building (Building No. 12) that was constructed between 1885 and 1892. Building No. 12 houses the maintenance shop and is used for storage. The parcel is adjoined by residential properties to the south; Grove Street and Paper Mill Pond to the east; Brooklyn Street to the north; and Cedar Street to the west. A small dam of the Hockanum River is on Amerbelle's property and forms Paper Mill Pond across Grove Street to the east of the site. From Grove Street, the Hockanum River flows through into a raceway constructed beneath Building No. 14, Brooklyn Street, and the northern parcel of Amerbelle's site.

The northern parcel consists of approximately 1.5-acres of land which is occupied by an approximately 42,700 square foot mill complex which houses Amerbelle's solvent and latex-based textile coating operations, the company's industrial boiler systems, and storage areas. These buildings are primarily constructed of mortar and stone and brick. The mill complex to the north of Brooklyn Street is comprised of buildings designated Buildings Nos. 1 through 9, 11 and 13 (see Figure 2 in Appendix 1). Buildings Nos. 3 and 11 are approximately five stories tall and Building No. 4 is four stories tall. The remaining buildings are one to two stories. Several locations have crawl spaces and/or half-story areas. In addition to the manufacturing and boiler operations, these latter buildings also house Amerbelle's QC laboratory, various administrative offices, and the operations of Challenge Sailcloth, a tenant at the site.

Amerbelle's property is supplied with heat from two large industrial boilers located in the north-central portion of the property. The boilers are each authorized to burn either natural gas or specification used oil fuel. Natural gas is piped to the facility. The specification used fuel oil is stored in two 18,000-gallon aboveground storage tanks (ASTs) that are located inside a concrete containment structure that is fully-covered by a prefabricated metal building enclosure. Four oil-



filled transformers are located outdoors inside a fenced enclosure, just to the east of the fuel oil tanks. One large transformer is marked as non-PCB containing. Three smaller transformers are indicated to contain PCBs.

The Hockanum River flows through Amerbelle's site, in a raceway constructed beneath Buildings Nos. 14, 7 and 5. The river flows from the southeast corner to the north-central portion of the site. The raceway was constructed years ago when the Hockanum River was first used to supply power to the textile mills.

The ground surface of the site slopes downwards from the south to the north with an overall topographic relief of approximately 80-feet. Based on regional topography, geology and drainage considerations, the migration of groundwater beneath the site is expected to be controlled by the shallow elevation of the bedrock surface, the presence of the historic canal, and other historic drainage features. The bedrock surface is anticipated to be irregular but to generally slope downward towards the northwest.

2.2 ENVIRONMENTAL & HYDROGEOLOGIC SETTING

The Water Quality Classifications Map of Connecticut, Thames River, Pawcatuck River, and Southeast Coastal Basins (CT DEP, 1986), indicated the groundwater underlying the site is classified as GB. This classification indicates an area in which groundwater is known or presumed to be affected in quality by historic intense, urban, commercial and industrial development. Areas having GB groundwater are presumed to be provided with municipal water supply services.

The Surficial Materials Map of Connecticut (USGS, 1992) indicates that the site is underlain by sand and gravel overlying sand. The map stated, "Sand & gravel is generally less than 20-feet thick, horizontally bedded, and overlies thicker inclined layers of sand (deltaic deposits)". Just west of the site, the map indicates "thin till". The thin till was described as generally less than 10-15 feet thick and includes areas of bedrock outcrop where the till is absent.

According to the *Bedrock Geology of the Rockville Quadrangle* (State Geological and Natural History Survey of Connecticut, 1955), the Glastonbury Gneiss underlies the site. The Glastonbury Gneiss is described as a gray, medium to coarse-grained, well-foliated gneiss. The bedrock is exposed in the northwestern portion of the site where the race discharges to the American Mill Pond.

The *Atlas of the Public Water Supply Sources & Drainage Basins of Connecticut* (1982) Rockville Quadrangle indicates that the site is located within the Connecticut Major Basin, the Hockanum Regional Basin, and the Hockanum River Sub basin. No water supply sources were indicated within a one-half mile radius of the site.



2.3 CURRENT PROPERTY USES

Amerbelle operates at the site as a “commission dye house”. The company performs dyeing, coating and finishing of synthetic and blend fabrics for textile converters. Bales of nylon or polyester fabrics, typically linen-white in appearance, are received into the facility from the Greige Mills that weave the fabric. Within Amerbelle’s facility, the fabric is typically scoured, bleached and dyed. Following the dyeing process, the fabric is typically processed through calendars to tighten the weave. The fabric is then further processed by application of latex or solvent-based coating and/or a water-based finish solution. Following lay-up and inspection, the fabric is packaged and shipped either to the customer or to the next step in the textile converting process.

Amerbelle’s dyeing and finishing operations are conducted inside Building No. 14. Dye chemicals and dye stuffs are measured out and prepared for use in an area of the “Dye House” located in the northwest corner of Building No. 14. The dye chemicals and dye stuffs are then delivered out to the Dye House floor for use in three different types of dyeing processes: beam dyeing, jig dyeing and jet dyeing. Finishes are applied to fabrics in the “Finish Department” located at the eastern end of Building No. 14. Finishes are applied by whole fabric immersion in a water-based finish solution. Finishes impart physical attributes to the fabric such as water-repellency or flame retardance. Finishes can also be applied to impart anti-microbial or anti-static properties to a fabric. Finish chemicals are measured out and prepared for use in an area in the southeast portion of Building No. 14. Finish chemicals are then applied to fabric at the feed ends of five finish “tenter frame” machines. The fabric is then dried in gas-fired drying ovens.

Amerbelle’s dyeing and finishing operations consume large quantities of water, for process use and for non-contact cooling. Amerbelle’s water needs are largely met by withdrawing water on-site from the Hockanum River. Hockanum River water is pumped from the raceway and then processed through bag filters for use as non-contact cooling water, and through a combination of sand filters and bag filters for use as process water. Filtered water for process use is stored in several aboveground tanks and then pumped to the various dyeing and finishing machines. The water is batch mixed with dye chemicals, dye stuffs and finish chemicals at the individual dyeing machines and finishing frames and applied to the fabric. Significant amounts of water are also used to rinse the fabric.

After processing, batches of dye, finish and rinse wastewaters are discharged to a network of floor trenches and sumps in Building No. 14. All of the wastewater is eventually conveyed to a stainless steel in-ground collection sump, located in the western portion of the building. From here, the wastewater is pumped to two 7,500-gallon aboveground stainless steel neutralization tanks for pH adjustment. Approximately 150,000 gallons to 200,000 gallons of dyeing and finishing wastewater is discharged to the sanitary sewer per day, in accordance with a state-issued sewer discharge permit.



Filtered river water is used for non-contact cooling in “cooling cans” located at the ends of the finish tenter frames and at the ends of the coating lines. Non-contact cooling water is also used in five water-cooled air compressors. The non-contact cooling water is discharged back into the Hockanum River at the northwestern portion of the site, in accordance with a National Pollution Discharge Elimination System (NPDES) permit issued by the state. Current flows of non-contact cooling water average about 200,000 gallons per day (gpd).

Much smaller amounts of river water and “city” water are used for contact cooling, for laboratory use, for equipment maintenance, and for sanitary purposes. A total of approximately 2,000 gpd of process and sanitary wastewater is discharged to the sanitary sewer following use as boiler blowdown, floor washing, compressor condensate, quality control laboratory operations, and sanitary use.

Amerbelle’s “Coating Department” is located indoors on the north side of Brooklyn Street. Amerbelle operates one coating line for applying water-based “latex” coatings and two coating lines for applying solvent-based coatings. Solvent emissions from the two solvent coating lines are directed to a gas-fired thermal oxidizer or “incinerator” to accomplish destruction of volatile organic compounds (VOC) prior to discharge to the environment, in accordance with a state-issued air emission permit.

Coatings are applied to one side of the fabric using knife-coating operations. The coated fabrics then enter drying ovens that are heated by natural gas (for the latex coater) or by air-to-air heat exchangers (for the two solvent coating lines). The air-to-air heat exchangers draw heat from the exhaust gases leaving Amerbelle’s gas-fired thermal oxidizer. Amerbelle’s coatings are either solvent-based or water-based, and include acrylics, acrylic and urethane blends, urethanes and silicones. Amerbelle’s solvent-based coatings typically contain toluene (40 to 45%), isopropyl alcohol (10 to 15%) and methyl ethyl ketone (2 to 3%) as the principal solvents. Coatings are typically applied to impart physical attributes such as custom pigmentation, breathable waterproofing, flame retardance, or anti-microbial or non-ravel properties.

Small amounts of wastewater generated by the clean-out of equipment used to mix and apply the latex coatings are discharged to the sanitary sewer in accordance with a state-issued discharge permit. Small amounts of waste generated by the clean-out of equipment used to mix and apply the solvent coatings are collected and disposed off-site as a hazardous waste.

After dyeing, coating and finishing, fabrics are subjected to inspection on the second floor of Building No. 14. Stains and marks on the fabric are removed by an airbrush applicator using trichloroethylene (TCE). Approximately three to nine gallons of TCE are used per month in this process. No waste TCE is generated.



A maintenance shop located within Building No. 12 performs typical maintenance functions including welding, minor machining (turning, milling, grinding), and electrical repair. A small mineral spirits parts cleaner is located here for maintenance department use. A second small parts cleaner is located in the boiler department in Building No. 5. The parts cleaner uses a citrus-based fluid.

A quality control laboratory is located on the second floor of Building No. 8. This lab conducts a variety of dyeing and finishing tests on fabric samples. The QC lab also performs dry clean testing on fabric samples and employs the chlorinated solvent perchloroethylene (PCE). One to three gallons of PCE are used per month in this process. Waste PCE is accumulated and shipped off-site as a hazardous waste.

Challenge Sailcloth is a tenant at the site and occupies portions of Buildings Nos. 8, 9 and 11. Challenge Sailcloth is also a customer of Amerbelle, and markets and distributes sail cloth which has been coated by Amerbelle. According to Mr. Robert Bainbridge, Challenge Sailcloth does not use or store oils or hazardous materials as part of their operation. No such materials were observed during our site visit.

2.4 SURROUNDING LAND USE

Land in the general vicinity of the site currently consists of mostly residential properties. An automobile repair facility is located to the southeast, across Grove Street and East Main. Several light industrial/commercial buildings are located along the eastern side of Paper Mill Pond southeast of the site.

The mill building located at the northeast corner of the site is known as Daniel's Warehouse and is believed to have an industrial history similar to Amerbelle's. The building is believed to be currently used primarily for storage. Anocoil Corporation is located approximately 500-feet to the north and downgradient of the site. Anocoil manufactures lithographic plates for the commercial printing industry.



3.0 SITE OWNERSHIP & HISTORY

Site history information was obtained from a review of two texts and a Ph.D. thesis found in the local library describing the industrial history of Rockville^{1,2,3}. Sanborn Fire Insurance maps and a map provided by facility personnel were also reviewed. Other information was provided by Amerbelle personnel and by Amerbelle's consultant, Mr. John Donlon of Regulatory Compliance Services, L.L.C..

3.1 SUMMARY

The mill buildings were constructed between 1865 and 1869 by Albert Dart, a local blacksmith who developed several mills in the area. The site became known as Dart's Stone Mill for its stone construction and "solid rock foundation". Textile dyeing and finishing operations have been the main activity at the site since that time.

At least two separate companies occupied the original mill buildings which make up the present site. The White Manufacturing Company and then J. J. Regan manufactured cotton yarn and gingham cloth in what is now Buildings Nos. 1, 3, 4 and 5 (see Figure 2 in Appendix 1) until approximately 1909. The Rose Silk Company (for a very short time) and then Belding Brothers Silk Thread Mill occupied Buildings Nos. 8, 9 and 11. Belding Brothers Silk Mill operated at the site from approximately 1868 through 1927 and took over the J. J. Regan portions of the site (northwestern) in 1909. The property was reportedly vacant between 1927 and 1936. From 1936 through the present, the site has been occupied by American Dyeing Corporation, which subsequently changed its name to Amerbelle Corporation.

Present dyeing operations are located in Building No. 14 which was constructed in 1956. Belding Brother's dyeing operations are believed to have been in Building No. 8. The dyeing operations of American Dyeing Corporation and Amerbelle were reported to have been performed in Building No. 11 prior to the construction of Building No. 14.

3.2 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance Maps were obtained through Environmental Data Resources (EDR). Copies of the maps are included in Appendix 2. Sanborn Maps were found for the following years: 1885, 1892, 1897, 1903, 1911, 1921, 1946 and 1961. In general, the print quality of some of the maps is significantly reduced and portions not legible. EDR indicated that they had provided the best quality images that they could.

-
- 1 Abbot, S. Ardis "Building the Loom City: Rockville, CT, 1821-1908", Dissertation for Doctorate Degree in Philosophy, University of Connecticut, Department of Philosophy.
 - 2 Abbot, S. Ardis and Jean A. Luddy, "Vernon and Historic Rockville", Arcadia Publishing, 1998.
 - 3 Abbot, S. Ardis and Jean A. Luddy, "Vernon-Rockville in the Twentieth Century", Arcadia Publishing, 2002.



- The 1885 map indicates that White Manufacturing occupied what is now considered Buildings Nos. 1 through 6 for the manufacture of cotton yarn. No detail was provided regarding the location of specific processes in White Mfg.

Belding Bros. & Co Sewing Silk Mill occupied Buildings Nos. 8, 9 and 11. These buildings originally formed a “U” shape. The map shows that Belding Bros. performed dyeing in Building No. 8 and drying and drugs (dyestuffs) were apparently stored in Building No. 9.

The raceway is shown to be in its present general configuration. There is an unspecified structure on the south side of Brooklyn Street.

- The 1892 map shows the same layout of buildings on the north side of Brooklyn Street. Buildings Nos. 1 through 6 are listed as being occupied by J. J. Regan Cotton Yarn. Building No. 12 is shown at its present location and may have been used for packing and storage by Belding Bros.
- The 1897 map shows the same layout and operations as described for 1892 above. Building No. 4 is indicated to have a “picker” on the first floor and a machine shop on the second floor. Belding Bros. was shown to have two dye houses in Building No. 8. Other operations appeared to consist of twisting, spinning and spooling silk.

A dye house is shown downgradient of the site at the S. Fitch & Sons Knitting Mill (current Daniels Warehouse property).

- The 1903 map was similar to the layout and operations described above.
- The 1911 map shows the entire site as being occupied by Belding Bros.. A skyway connects Building No. 12 with Building No. 9 as it does today. Most of the written descriptions on the maps were not legible.
- The 1921 map was similar to that described above for 1911.
- The 1946 map indicated that the site was operated by American Dyeing. The site buildings were similar to the 1921 map. The dye house is not indicated in Building No. 8.
- The 1961 map indicated that site was occupied by American Dyeing Corp. and performed wool dyeing. Building No. 14 is shown on the south side of Brooklyn Street (constructed in 1956). The “U” shape formed by Buildings Nos. 8, 9, and 11 was filled in by a new structure. Building No. 13 is shown as well as the current connection to Building No. 2, and the addition of Building No. 7 (see the Site Plan).



The current Daniel's Mill building is indicated to be occupied by "Double B Products Co. & Albi Mfg. Co. – Mfg. paints, waxes, and insecticides".

3.3 REVIEW OF HISTORIC FACILITY MAP

Amerbelle personnel provided a Site Plan dated 1956 and revised in 1985 which shows details regarding building layout, utilities, and other features. The plan also provided several elevation or cross-sectional views of the buildings and identified the locations of processes in certain buildings by floor. A copy of the plan is included at the end of Appendix 2.

The plan view of the figure (included in Appendix 2) showed:

- The presence of the two former 20,000-gal. fuel oil tanks inside a sand filled enclosure in the central portion of the site, north of Brooklyn Street. These tanks were removed in 1989, as discussed below in Section 4.1.1.
- The locations of a 5,000-gal. underground Stoddard Solvent tank and a 3,000-gal. underground xylene tank on the south side of Building 14. These tanks were reportedly removed in 1993, as discussed below in Section 4.1.2. Amerbelle personnel reported that, although the map indicates that the 5,000-gal tank was for storing Stoddard Solvent, the tank always was used for xylene. This could not be otherwise verified.
- The location of the transformers to the east of the fuel oil tanks.
- The presence of a filling station off-site to the southeast, at the intersection of Grove and East Main Street.

Some of the elevation views on the figure (not all included in Appendix 2) showed the following locations of hazardous materials storage:

- The storage of flammable liquids in Building No. 1 (where presently stored).
- The storage of chemicals/empty containers in the ground floors of Buildings Nos. 8 and 11 (where presently stored).
- The storage of coconut oil in the basement of Building No. 12.

3.4 REVIEW OF AERIAL PHOTOGRAPHS

Aerial photographs were reviewed at the Connecticut State Library in order to obtain historical information about land use. The photograph years that were reviewed were 1934, 1980, 1985, and 1990.



The 1934 photograph indicated that the land had been developed and appeared to be used for manufacturing/industrial uses. In the photograph, the large building that is now located south of Brooklyn Street (new Dye House) is not present. Also, Buildings Nos. 8, 9 and 11 appeared in the "U" configuration, prior to a building being constructed between Buildings Nos. 8 and 11.

The 1980 through 1990 photographs showed the site as it appears today.

4.0 RECORDS REVIEW

An extensive amount of information, documentation and permit records were reviewed at the Amerbelle facility, at Town of Vernon offices, and at the Connecticut Department of Environmental Protection (CTDEP). GeoDesign also contracted with Environmental Data Resources to perform a search of environmental databases, in accordance with the Phase I Site Assessment requirements in ASTM standard 1527-00.

The following sections summarize the pertinent findings of the records review from these sources.

4.1 FACILITY FILE INFORMATION

The following summarizes pertinent information obtained from facility personnel and a review of facility records. A summary table of the hazardous materials currently used in the textile dyeing, finishing and coating processes is provided in Appendix 3. Regulatory compliance documentation is also provided in Appendix 3, as referenced below.

4.1.1 Former Underground Fuel Oil Storage Tanks

From approximately 1948 through 1989, Amerbelle maintained two 20,000-gallon underground fuel oil storage tanks. The tanks were constructed of steel and located in the central portion of the site at the same location where two above-ground fuel oil tanks are today. The former tanks were reportedly located within the same concrete containment structure as is used today, but the structure had an earthen base. The tanks inside of the containment structure were backfilled with sand. The backfilling with sand resulted in the two tanks being regulated as underground tanks.

From 1948 until the early 1980's, Amerbelle reportedly burned No. 6 fuel oil. Amerbelle then switched to burning re-refined off-specification and specification used oil fuel from 1983 until 1987. Since 1987, Amerbelle has burned only specification used fuel oil. Currently, Amerbelle reportedly purchases its specification used oil from United Oil Recovery of Meriden, Connecticut.

On May 6, 1986, Amerbelle submitted an Underground Storage Facility Notification form to the CT DEP and Vernon Fire Marshal. This form identified the two former 20,000-gallon capacity underground tanks as storing "waste oil" fuel oil. Copies of the underground tank notification forms are included in Appendix 3.



Due to changes regarding the regulation of underground tanks, tightness testing was conducted by Aaron Environmental in April, 1988. Aaron reported that both tanks met the criteria for tightness. In July 1989, C/P Utility Service Company, Inc. performed tightness testing which indicated one of the tanks failed the criteria. Paperwork was found in both company and town files related to a building permit which was issued by the Town of Vernon for the removal of the two tanks on October 10, 1989. The fire marshal's files also contained documentation that relates to the temporary locating of tank trailers to temporarily store oil within a containment structure in the vicinity of the Building No. 2 loading dock. The Fire Marshal approved Amerbelle's plan for the temporary oil storage facility on April 21, 1989.

No information was located during our file reviews that showed that municipal or state representatives oversaw the removal of the tanks. No documentation was found that summarized the condition of the tanks upon removal or the condition of the subgrade. Amerbelle did locate analytical reports dated October 12 and November 9, 1989 from Con-Test, Inc. of East Longmeadow, Massachusetts (attached in Appendix 2). The laboratory tests appear to have been obtained by the contractor and represent tank closure soil samples which were analyzed for total petroleum hydrocarbons (eight samples), Extraction Procedure leachate analyses for metals (one sample), and composite samples analyzed for volatile organic compounds and PCBs. The maximum concentration of petroleum hydrocarbons in the discrete samples was 150 mg/kg, which is below current remedial criteria. The composite sample contained low levels of 1,1,1-trichloroethane, toluene and extractable metals. No PCBs were detected. On April 16, 1990, Amerbelle wrote a letter to CTDEP documenting a telephone conversation which indicated receipt of an approval to dispose of the excavated soil at the Town of Manchester landfill (Appendix 3).

In August 1991, Amerbelle submitted revised Underground Storage Tank Facility Notification forms identifying the two 20,000 gallon underground oil tanks as having been tested in July of 1989, last used in October of 1989, and subsequently removed.

In September 1991, a building permit was obtained to install the two 18,000-gallon aboveground steel tanks which are in use today. A concrete slab was poured inside the existing concrete containment and a metal building was constructed to fully enclose the tank and containment system.

4.1.2 Former Underground Xylene Storage Tanks

The 1956 Site Plan provided by Amerbelle and attached at the end of Appendix 2 of this report indicated the presence of a 5,000-gal. Stoddard Solvent and a 3,000-gal. xylene underground storage tank outdoors below the parking lot off the south side of Building No. 14. Underground tank notification forms (included in Appendix 3) indicated the storage of xylene. The tanks were identified as being of steel construction and having been installed in 1972.



Amerbelle provided file information indicating that tightness testing was performed on the xylene tanks in August 1991 (the 3,000-gallon tank) and in May 1992 (5,000-gallon tank). The results indicated that both of the tanks met the criteria for tightness at that time.

On July 16, 1993, M&G Associates, Inc. of West Willington, CT obtained a Building Permit to remove the tanks (Appendix 3). The work was reportedly completed and documentation was found in company files indicating that the removed tanks were delivered to Shire Corporation in North Franklin, CT for disposal (Appendix 3).

No records were found indicating post-excavation soil sampling or oversight of the tank removal by the local fire marshal or other regulatory agency. In August 1995, a revised Underground Tank Notification Form was submitted to CTDEP indicating that the xylene tanks had been removed. No other underground tanks are listed on the 1995 form. Facility personnel indicated there are no known underground tanks on-site at the present time.

4.2 LOCAL TOWN INFORMATION

4.2.1 Tax Assessor's Office

The Tax Assessor's Office provided the property card for the site which indicated the last ownership transfer occurred on February 3, 1948 (Book 85/Page 104). The property size was listed as 3.1-acres, although property maps showed the two sites combined are 4.68-acres. The reason for this discrepancy is not known.

4.2.2 Clerk's Office

GeoDesign was not provided with property title information and did not perform a title search as part of this project.

4.2.3 Health Department

Mr. Eugene Orłowski of the North Central District Health Department indicated that he has had limited involvement at the site. He was not aware of any on-going health or odor complaints or of any on-going investigations regarding Amerbelle.

The health department files contained approximately ten odor complaints from local residents and several citations from the Connecticut Department of Environmental Protection for exceeding opacity limits at the boiler smoke stack. The complaints were mostly made in the early to mid-1990s. No recent complaints were found. The file also included some reported oil and chemical spills which are summarized below in Section 4.3.2.1.



4.2.4 Building and Zoning Department

Personnel at the Building and Zoning Departments maintained a file for the site which contained numerous permits for renovations and repairs for various portions of the buildings, including sprinkler renovations and additions.

The file also included information related to the installation of a new wastewater treatment system in 1997 inside Building No. 14. The wastewater treatment system was designed by Fuss & O'Neill and included the installation of a stainless steel collection sump, wastewater transfer pumps, two pH neutralization tanks, and facilities for the dispensing of treatment chemicals and the monitoring of flow and pH. The file contained three boring logs for work performed at the "proposed pit area inside building". The boring logs showed dark brown to red-brown fine to medium sand and silt to the top of bedrock, which was encountered between 9.0 and 10.0 feet below grade (fbg). The maximum depth explored was 14 fbg, which went 4 feet into weathered bedrock. The logs indicate that groundwater was encountered at a depth of 6.0 fbg. No boring location plan was found. The boring logs do not indicate the presence of odors or stained soil.

4.2.5 Sewer Department

A review of facility file information and conversations with Mr. Peter Dureiko of the Vernon Sewer Department indicated that, in approximately 1994, the town was replacing a sewer line within Brooklyn Street near the west-central portion of the site. While excavating the sewer line, the town crew encountered 90 °F colored water and inferred that the source of the water was Amerbelle's dyeing operations. Mr. Dureiko also reported that he observed water seeping from the steep embankment, located to the northwest. The sewer department notified Amerbelle of the potential release.

The town reportedly installed clay dams within the sewer line excavation to minimize the preferential migration of the water along the coarse backfill of the pipe and placed three 6-inch diameter PVC standpipes within the coarse backfill of the new sewer line. We confirmed the location of two of the standpipes with town representatives and measured approximately 14-inches of water in the bottom of one standpipe.

According to facility records, Mr. David Ignatowicz of the sewer department advised Amerbelle that steps should be taken to contain and correct any seepage during Amerbelle's subsequent installation of the wastewater treatment system. Amerbelle personnel have reported that the company subsequently took steps to re-line the trenching and containment troughs underlying various dyeing machines, on the assumption that these may have been the source of the observed leakage. However, according to Amerbelle personnel, it was never determined with certainty whether the trenching and containment troughs were the source of the observed release.



Mr. Dureiko provided plans of the site dated 1896 showing the locations of historic sewer lines maintained at the time by Belding Bros. Silk Mill. No other features of significant interest are shown on the plans.

Mr. Dureiko provided engineering plans from the sewer line reconstruction in 1994 and the log for a soil boring conducted on Cedar Street in 1993. The boring encountered weathered bedrock at 8 fbg and competent rock at 10.5 fbg. No groundwater was encountered in the boring.

4.2.6 Fire Department

Mr. Anthony Patrizz, Vernon Fire Marshal, provided access to file information maintained by his office. Most of the information obtained from our file review, particularly with respect to underground storage tanks, has been incorporated into other sections of this report.

The fire marshal's file contained information related to a December 1997 investigation of a release of propane from the 30,000-gallon tank located in the southwest portion of the site. Approximately 1,000 gallons of propane was released from the 30,000-gallon aboveground tank. Vandalism was suspected, but not proven.

The files contained a Hazardous Materials Survey dated January 1986 in which the company identified various hazardous materials as being stored at the site, including: propane; dyeing and finishing related chemicals; flammable chemicals (associated with coating operations); used oil; the industrial boiler systems; PCB oils in three electrical transformers; and, miscellaneous chemicals stored on the ground floor of Buildings Nos. 9 and 11.

The files also contained a 1988 Hazardous Materials Survey prepared by Challenge Sailcloth which indicated that hazardous materials were not stored by the company.

4.3 FEDERAL & STATE REGULATORY FILE REVIEWS

A review of Federal and State databases of environmental significance was performed for the site by Environmental Data Resources, Inc. (EDR). The GeoCheck Report is included in Appendix 4 and includes maps depicting search radii and identified sites. The EDR report includes a list of the various environmental databases searched and when the databases were last updated. EDR reported that the site was identified in eight separate state and federal databases including:

- SPILLS (CT Spills)
- ERNS (Emergency Response Notification System)
- UST (Underground Storage Tanks)
- RCRIS (Resource Conservation Recovery Information System)
- FINDS (Facility Index Notification System)
- TRIS (Toxic Release Inventory System)



- LWDS (Connecticut Leachate and Waste Water Discharge Sites)
- FTTS INSP (from a PCB inspection)

The following sections summarize the EDR regulatory database search:

United States Environmental Protection Agency National Priorities List (NPL), Dated April 30, 2003:

These are sites that have high ranking, in terms of being a potential threat to public health due to contamination. No NPL facilities were listed within a one-mile radius of the site.

Comprehensive Environmental Response Compensation And Liability Information Systems (CERCLIS):

These are sites, which may or may not have environmental contamination due to historic site use. No facilities were listed within a half-mile of the site.

CERCLIS No Further Remedial Action Planned List (NFRAP):

The EPA and the DEP have investigated these sites, and plan no further remedial action. No properties were listed within a half-mile of the site.

Resource Conservation and Recovery Information System List (RCRIS):

This is a database of facilities that generate, treat, store or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Inclusion on the list does not indicate that the facility is however a source of contamination. The site was listed as a Small Quantity Generator.

Emergency Response Notification System (ERNS):

This database identifies locations of spills and leaks of hazardous substances regulated by CERCLA and petroleum products regulated by the Clean Water Act. The site was not listed on the ERNS list.

Facility Index System/Facility Identification Initiative Program Summary Report (FINDS):

This database contains both facility information and “pointers” to other sources that contain more detail. The subject site was listed in the FINDS database.



Toxic Chemical Release Inventory System (TRIS):

This database lists facilities which manufacture, process or otherwise use toxic chemicals in reportable quantities under SARA Title III Section 313 and which potentially release toxic chemicals to the air, water or land. The subject site was listed in the TRIS database as having filed under Section 313 of the Emergency Planning and Community Right-To-Know Act.

FIFRA/TSCA Tracking System (FTTS INSP):

This database indicates sites that have undergone an inspection and contain materials regulated by FIFRS or TSCA (PCBs). Amerbelle was listed as having been inspected by regulatory agencies dealing with FIFRA (pesticides) or TSCA (primarily PCB-related) requirements.

Inventory of Hazardous Disposal Sites (SHWS):

This database identifies facilities in Connecticut which may have been used for the disposal of toxic or hazardous waste. The inventory is used to prioritize the sites for implementation of clean-up. The subject site was not listed on the SHWS list. Two unmapped sites were reported as a municipal landfill & Northeast Utilities. Neither of these sites is known to be located near the Amerbelle property.

State Registered Leaking Underground Storage Tank List (LUST):

This database identifies underground storage tanks which have had documented releases. This includes tank failures, test failures and overfills, as reported to the CT DEP.

The subject site was not included on the LUST list. Four properties listed below were identified within approximately one-half mile of the site. Seven unmapped sites were also identified. Due to their distance and/or locations relative to the site and inferred groundwater flow direction, these spills are unlikely to impact subject site groundwater:

- a. Former Drake Sunoco (Rt. 74 & Rt. 31) - less than 1/8 mile east, up gradient
- b. 26 Pleasant Street – less than 1/8 mile north-northwest, down gradient
- c. 168 East Main Street – 1/8 to 1/4 mile east-southeast, down gradient
- d. 85 Prospect Street – 1/4 to 1/8 mile west-northwest, down gradient



CT DEP Registered Underground Storage Tank Facilities (UST):

This database identifies underground storage tanks that either have been or are currently registered with the CT DEP. Amerbelle was reported on this list as having removed the following underground storage tanks: two 20,000-gallon used oil; one 3,000-gallon gasoline; and one 5,000-gallon gasoline. Presumably, the two “gasoline” tanks are actually the two xylene tanks reported on elsewhere in this report.

Three facilities were reportedly located less than one eighth of a mile from the site according to EDR. One unmapped site was also identified (Grove Hill Cemetery).

- a. 1 Grove Street – less than 1/8 mile east-northeast, up gradient, 6,000-gallon gasoline tank installed in 1976, currently in-use.
- b. 122 East Main Street – less than 1/8 mile east-southeast, up gradient, 3,000-gallon gasoline tank installed in 1960, currently in-use.
- c. 60 East Main Street – less than 1/8 mile west-northwest, down gradient, two 25,000-gallon heating oil tanks, removed 1989.

Oil and Chemical Spills Database (SPILLS):

This database includes oil and chemical spills reported to the DEP. EDR indicated the six spills have been reported at the site. However, according to our compilation of reported spills from a review of facility records, files at the CTDEP, local agencies, and the EDR report, there have been 32 oil or chemical spill incidents involving the site. Amerbelle’s files contained documentation that the majority of these releases were reported. These spills are summarized on Table 1 in Appendix 1.

Four sites within one-half mile were mapped and listed on the SPILLS databases which are unlikely to impact the site. Two unmapped sites were reported on the list by EDR.

Connecticut Leachate and Waste Water Discharge Sites (LWDS):

This is a list of facilities with surface and groundwater discharges that are permitted by the state, discharges that are currently inactive, and locations of accidental spills, leaks or discharges of liquid or solid waste.

The subject site was on the list because it has a permitted cooling water discharge to the Hockanum River. Nine other properties were identified within one mile of the site as follows:



- a. Roosevelt Mills, Inc., - less than 1/8 mile northwest, downgradient
- b. Anocoil, - 1/8 to 1/4 mile southwest, downgradient
- c. Rockville Water & Aqueduct Co., - 1/4 to 1/2 mile east, downgradient
- d. Rockville Water & Aqueduct Co., - 1/2 to 1 mile east-northeast, upgradient
- e. Mark Metal Finishing Corp, 1/2 to 1 mile east, upgradient
- f. Town of Vernon Landfill, 1/2 to 1 mile south, upgradient
- g. Industrial Wastewater, 1/2 to 1 mile west-southwest, downgradient
- h. New England Woodcrafting, 1/2 to 1 mile south, upgradient

We note that Roosevelt Mills is actually located approximately 3,000 feet to the east of the site.

List of Landfills/Transfer Stations (SWF/LF):

This database identifies solid waste management facilities and includes the facility location, operator and permit numbers as submitted on the registration forms.

The subject site was not listed. In addition, no properties within a one-mile radius from the site were identified.

Site Discovery and Assessment Database (SDADB):

This is a listing of properties reported to the Permitting, Enforcement and Remediation Division of CTDEP. The site was not listed in this database. The following four properties are either suspected to have had hazardous waste disposed or are eligible to be listed on the State Inventory of Hazardous Waste Disposal Sites:

- a. Anocoil Corporation, less than 1/8 mile west-northwest, down gradient
- b. Tres Bon Drive In Cleaners, 1/4 to 1/3 mile west, down gradient
- c. Roosevelt Mills, Inc., 1/4-1/2 mile east, down gradient
- d. Apollo Packaging, 1/4 to 1/2 mile north, up gradient

Three unmapped sites were reported on the list by EDR.

4.3.1 Well Locations

EDR's GeoCheck identified two Federal USGS Wells one-half to one mile upgradient of Amerbelle. EDR also identified one Federal Public Water Supply well one quarter to one-half downgradient of the site. No wells were reported with one-mile of the subject site in the State well database.



4.3.2 Department of Environmental Protection (CTDEP) File Review

GeoDesign personnel conducted a file review at the CTDEP public file room on January 27, 2004. The following is a summary of additional information found in CTDEP's files. We requested files for the following companies:

- Amerbelle Corporation
- American Dyeing Corp.
- Belding Bros. & Co
- Daniel's Warehouse
- Double B Products
- Albi Mfg. Co.

Much of the information obtained regarding permits, spills and alleged violations of environmental laws was discussed in previous sections of this report. The following is a summary of additional information found in CTDEP's files.

4.3.2.1 Oil and Chemical Spills

Oil and Chemical spill files dating from 1970 to 1999 were reviewed. A total of thirty-two reported oil and chemical spills were identified for the site during the period 1984 through 2002. The spills are summarized on Table 1 in Appendix 1. In many cases, specific descriptions of the releases as summarized on spill reports are missing or vague.

4.3.2.2 Waste Management Bureau

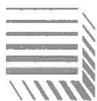
The Waste Management Bureau's file contained reports and correspondence related to the CTDEP inspections, compliance order and related information. Copies of pertinent documents found are attached in Appendix 3.

4.3.2.3 Water Management Bureau

The file contained a significant amount of data regarding various permit applications and registrations for the contact and non-contact cooling water discharges, sanitary sewer discharge of dye water, the installation of the Building No. 14 wastewater treatment system in 1997/1998 and related issues.

No files were located regarding groundwater remediation for the site.

Several Notice of Violations (NOVs) were found in the file pertaining to exceedances of discharge limits and failure to submit stormwater monitoring results. Copies of pertinent documents found are attached in Appendix 3.



Amerbelle has registered the dam impoundment known as the Paper Mill Pond Dam (Dam Number 14606) on the Hockanum River with the CTDEP Water Management Bureau, Inland Water Resources Division.

4.3.2.4 Air Management Bureau

The extensive air permitting file for the site was briefly reviewed. There was a large amount of information related to an initial filing of a Title V permit which was subsequently withdrawn. The company subsequently filed for and is operating under a General Permit to Limit Potential to Emit (GPLPE).

Various Pre-Inspection Questionnaires were located reviewed. Copies of these Pre-Inspection Questionnaires had also been previously reviewed in the facility files.

5.0 SITE RECONNAISSANCE

Timothy Carr of GeoDesign conducted a site walkover on January 12, 2004. Mr. John Donlon of Regulatory Compliance Services, who has served as Amerbelle's environmental consultant for the past four years, provided information related to the site and industrial processes and procedures. Photographs are included in Appendix 1.

Snow covered the ground during our site visit and hindered our ability to observe the ground surface for evidence of oil or hazardous materials releases.

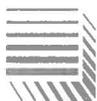
5.1 EXTERIOR OBSERVATIONS

Underground Storage Tanks (USTs)/Aboveground Storage Tanks (ASTs)

No evidence of underground storage tanks was observed. Facility personnel indicated that there are no known underground tanks located on-site. The sub-slab wastewater collection tank in Building No. 14 would likely be classified as an in-ground tank (3,000-gallon nominal capacity).

The exterior aboveground tanks which were observed included:

Location of AST	Approximate Size (Gals.)	Material Stored
South end of site	30,000	Propane
South side of Building No. 14	10,000	Empty (formerly Ammonia)
	10,000	Hot Water (not used)
	15,000	Hot Water
Courtyard of Bldgs. Nos. 3,4,5,6 &7	10,000	Empty



Hazardous Substance or Petroleum Product Storage

No exterior hazardous material or petroleum storage was observed, with the exception of the propane tank referenced above.

Electrical Transformers/Polychlorinated Biphenyls

Four electrical transformers were observed outdoors inside a locked fenced enclosure located on the north side of Brooklyn Street in the central portion of the site (see Photograph 11 in Appendix 1). The largest transformer appeared to be newer and was labeled as non-PCB containing. Three smaller ones were labeled to be PCB-containing. We did not observe evidence of leaking from the transformers.

Pits, Ponds, or Lagoons

Paper Mill Pond lies to the south of the site and American Mill Pond lies to the north, below Amerbelle's dam. No evidence of significant environmental issues was observed. Access to the American Mill Pond is restricted by fencing.

Stressed Vegetation and Staining

Snow at the base of the building outside the exhaust fan from the dye mixing room in Building 14 appeared to be stained (Photograph 10). No other areas of significant ground/snow staining were observed. There was evidence that the foundation wall of the building in this area had been patched.

Solid Waste

Some areas of solid waste debris (metal, brush, tires, etc.) were observed on the slope in the northwest portion of the site leading down to the American Mill Pond. A compacting dumpster is located on the west end of Building 14.

Septic Systems

No septic systems are known to have been used on the property

Drywells and Sumps

Exterior stormwater catch basins were observed at most of the loading dock facilities. The storm drains were reported to drain to the Hockanum River.



5.2 INTERIOR OBSERVATIONS

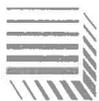
Oil and hazardous materials were observed to be in use at all active locations of the facility. In inactive areas, we observed machinery and dry good storage.

Aboveground Storage Tanks

Location of AST	Number & Approximate Size (Gals.)	Material Stored
Building 14 – South side	10,000	Hot water
Building 14 – West end	1- 350	Sulfuric Acid used for wastewater pH adjustment. Tank is plastic with containment (Photograph 8)
Building 14 – West end	1- 275	Sodium Hydroxide used for wastewater pH adjustment Tank is plastic with containment (Photograph 8)
Building 14 – West end	2-7,500	Wastewaters undergoing pH neutralization
Building 14	2- 275	Totes of Finishing resin
Building 14	1 – 500*	Sodium Hydroxide for Dye House process use
Oil Storage Building	2-18,000	Specification Used Oil inside containment building
Building 8	1-27,000	Production water supply tank

Floor Drains, Drywells and Sumps

- Numerous interior floor drains, trenches and sumps were observed at several locations particularly within Building No. 14 (wastewater conveyance) and the ground floors of Buildings Nos. 8 and 11. All of the floor drains in Building No. 14 discharge to the wastewater treatment system's collection sump. The floor drains in Buildings Nos. 8 and 11 were reported to be tied into the sanitary sewer. Mr. Donlon indicated that the floor drains in Building No. 11 are actually plugged to prevent a discharge to the sewer. The floor drains in Building No. 8 also have plugs, but these plugs can be removed to allow Building No. 8 floor wash to be discharged to the sewer. The latter discharge is authorized by Amerbelle's state-issued discharge permit.
- The surface of the concrete conveyance trenches at several locations within Building No. 14 showed evidence of erosion due to water and/or chemical attack. The aggregate in the concrete was exposed at the surface. An example is shown in Photograph 6.
- Two latex washdown areas were observed in Building No. 13. Mr. Donlon indicated that the collection sumps drain to the municipal sewer system, as allowed by a discharge permit.



Drum Storage Areas

- Waste oils were stored in 55-gallon drums on containment pallets located in Building No. 8. The storage appeared to be relatively neat and well maintained.
- Solvent-based coatings were stored in 55-gallon drums in Building No. 1 (Photograph 12). Solvent-based coatings were observed to be both stored and mixed in this location. Drums appeared to be relatively neat and well maintained. The area exhibited a strong solvent odor, likely attributable to the active mixing of the coating materials.
- Latex-based coatings were stored in 55-gallon drums in Building No. 13. The area appeared neat and well maintained.
- More than one hundred chemical containers, mostly 55-gallon drums, were observed stored on the ground floor of Building No. 11. Most of the containers were reported to be empty drums awaiting off-site disposition.. A floor trench was observed running along much of the length of the basement area . The trench drain is reportedly plugged.

6.0 RECOGNIZED ENVIRONMENTAL CONDITIONS

Based on the information collected and observations made as part of this Phase I Environmental Site Assessment, we have identified the following Recognized Environmental Conditions (RECs) on the Amerbelle property. According to ASTM 1527-00, an REC is identified when the presence, or likely presence, of hazardous substances or petroleum products are now or have been associated with the property under conditions that indicate an existing release, a past release or the material threat of a release into structures on the property or the soil, groundwater or surface water on the property. A potential REC can be declassified if it can be determined that the actual or potential releases were de minimis and do not present a material risk of harm to public health or the environment.

The following list compiles the locations and rationale for identifying certain RECs, based on the information obtained as part of this site assessment. REC locations are shown on Figure 3.

No.	REC Description	Rationale For Listing
1	Former underground tanks located south of Bldg. 14 (3,000-gal & 5,000-gal. xylene)	Tanks were removed without reported closure confirmation soil sampling
2	Loading dock on south side of Bldg. 14	Potential for chemical spills during loading/unloading
3	Loading dock on west end f Bldg. 14	Potential for chemical spills during loading/unloading. This dock is located nearest the dye and finishing chemical room and wastewater treatment area.

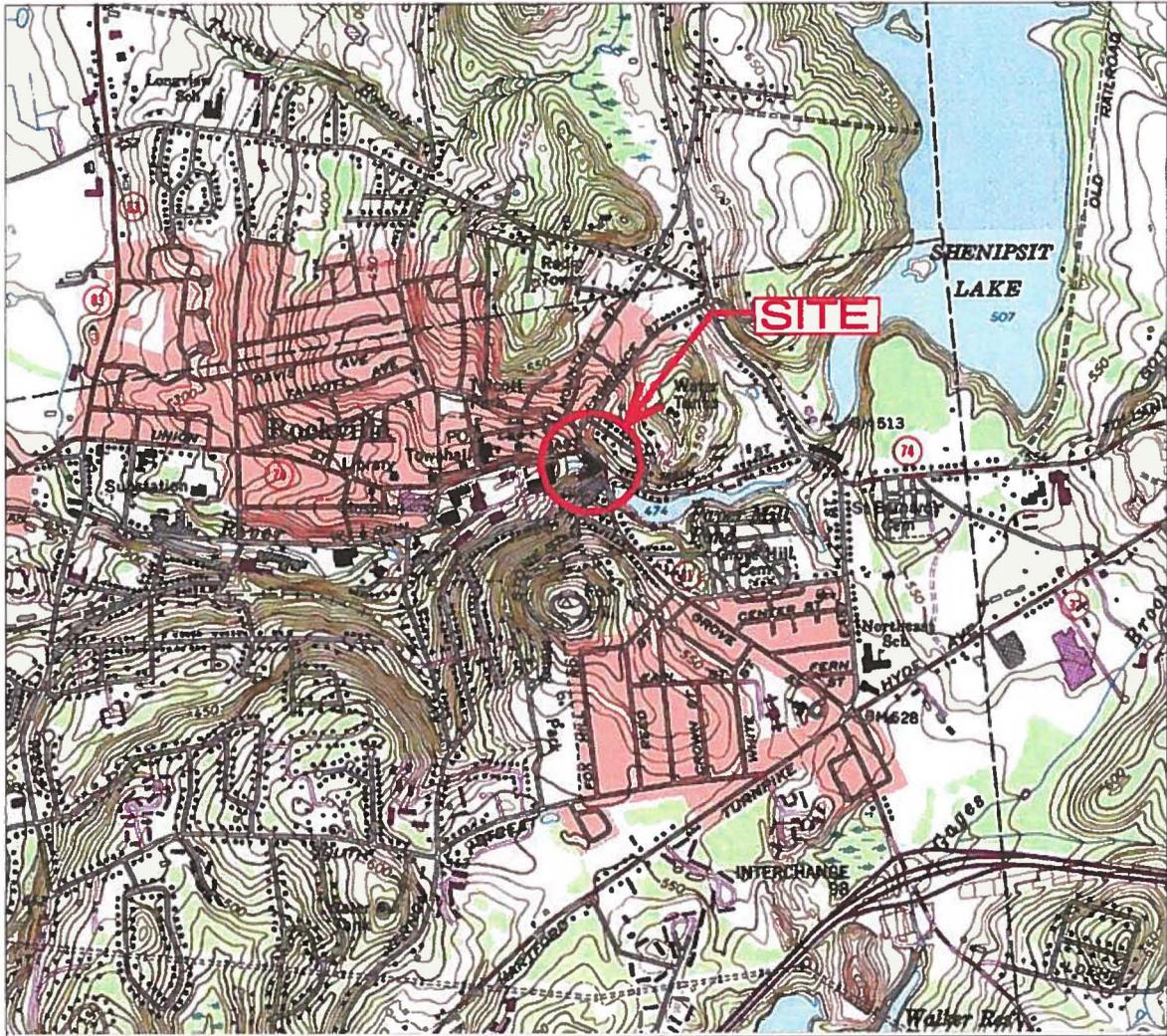


No.	REC Description	Rationale For Listing
4	Northwest corner of Bldg. 14	Location where dye-colored water was observed in the ground during sewer line installations in 1997. This is also the area where seeps of discolored liquid were observed coming from an exhaust vent and cracks in the foundation.
5	Wastewater conveyance trenches in Bldg. 14	Concrete erosion and chemical attack was visible on the surface of the visible areas of concrete. The sub-slab trench network is extensive.
6	Southeast corner of Bldg. 14	Location where a bridge contractor identified dye-colored in 1995 and adjacent to location of process water overflows.
7	Building 12	Maintenance/ Machine Shop
8	Slope west of Bldgs. 1 and 2	Location of reported dye-colored water seepage (1994) and observed solid waste debris.
9	Building 13	Latex coating operations
10	Building 2 loading dock	Potential for chemical spills during loading/unloading
11	Buildings 1 & 2	Storage of flammable solvents and mixing of coatings.
12	Building 3	Downgradient of solvent coating / former storage area
13	Building 7	Solvent Coaters
14	Area west of Bldg. 13	Two 18,000-gal fuel oil ASTs where oil releases have occurred
15	South of Bldg. 7	Four transformers (3 PCB containing)
16	Bldg. 7 Loading Dock	Potential for chemical spills during loading/unloading
17	Building 9	Former Dye Storage
18	Building 8	Former Belding Bros. Dye House
19	Building 11	Reported location of former Amerbelle dye operations and present chemical storage
20	Bldg. 11 Loading Dock	Potential for chemical spills during loading/unloading
21	Across Grove Street from Bldg. 14	Former gasoline station located across Grove Street southeast of the site

7.0 LIMITATIONS

Information used in this report regarding operations, conditions, and test data has been obtained in part from company personnel, its employees or agents, various governmental officials and available public records and has been assumed by GeoDesign to be correct and complete. Certain information reflects direct observations of conditions as they existed on the date of inspection. As this information is subject to professional interpretation, it could result in differing conclusions.

APPENDIX 1
FIGURES, PHOTOGRAPHS, & SPILL SUMMARY TABLE



ACAD FILE No. M:\CL\0553\03\CAD\LOCUS PLAN.dwg

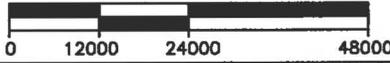


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AREA PLAN
AMERBELLE CORPORATION
104 EAST MAIN STREET
VERNON, CONNECTICUT

SCALE IN FEET
SCALE 1 = 24000



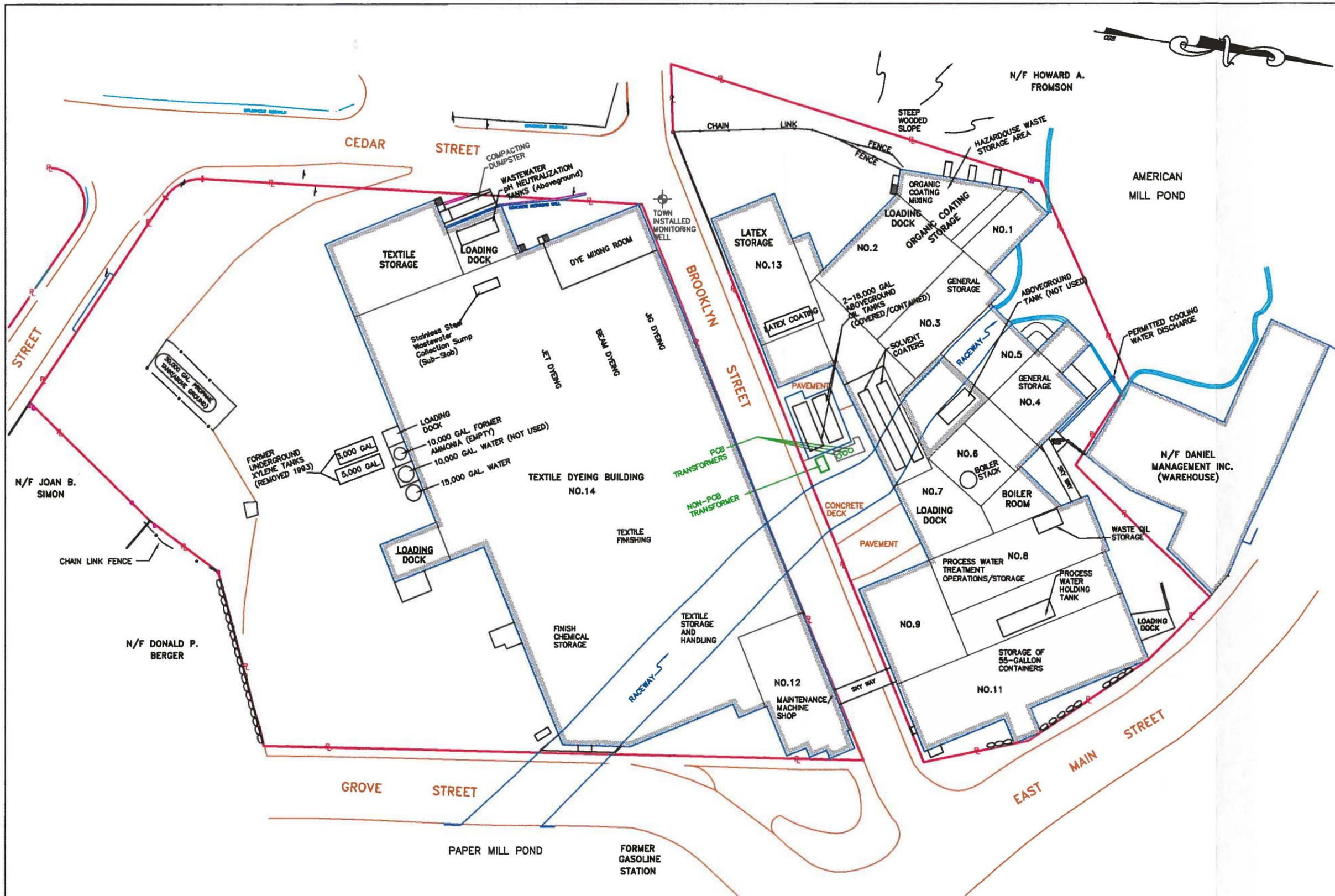
PROJECT NO. 553-3.1

DATE: 2/3/04

FIGURE NO. 1

DRAWN BY: SMC

REVIEWED BY: TFC



REV. No.	DESCRIPTION	BY	DATE
<p>SCALE IN FEET</p> <p>1" = 60'</p> <p>0' 30' 60' 120'</p>			
<p>SITE PLAN</p> <p>AMERBELLE CORPORATION</p> <p>104 EAST MAIN STREET</p> <p>VERNON, CONNECTICUT</p>			
<p>PROJECT No. 553-003</p>			
<p>FIGURE No. 2</p>			

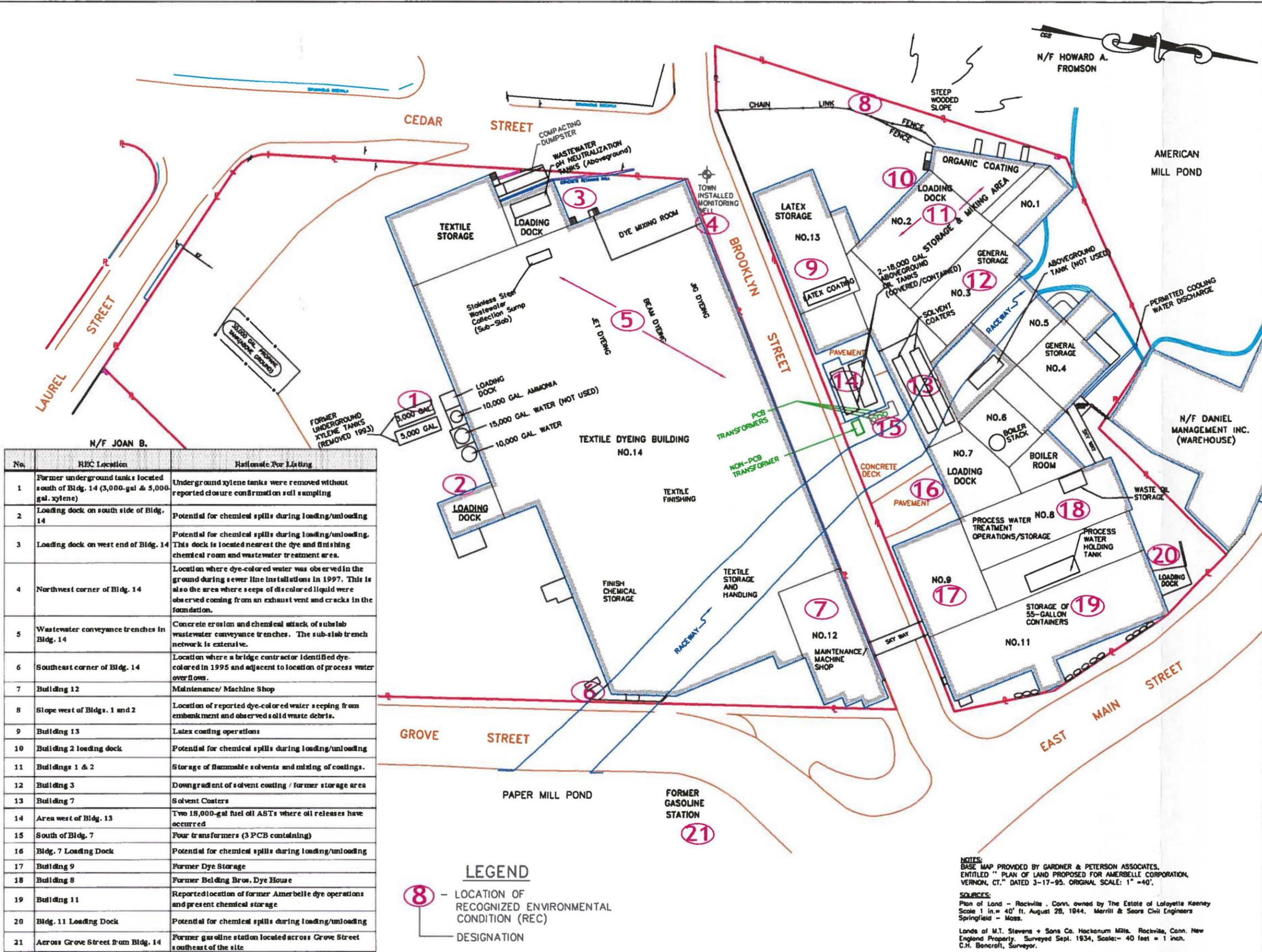

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NOTES:
 BASE MAP PROVIDED BY GARDNER & PETERSON ASSOCIATES, ENTITLED "PLAN OF LAND PROPOSED FOR AMERBELLE CORPORATION, VERNON, CT." DATED 3-17-95. ORIGINAL SCALE: 1" = 40'.

SOURCES:
 Plan of Land - Rockville, Conn. owned by The Estate of Lafayette Kearney Scale 1 in. = 40' ft. August 28, 1944. Merrill & Sears Civil Engineers Springfield - Mass.
 Lands of M.T. Stevens + Sons Co. Hookanum Mills. Rockville, Conn. New England Property. Surveyed Sept. 1934. Scale: 40 feet = 1 inch. G.H. Bancroft, Surveyor.

DRAWN BY: SMC
 REVIEWED BY: TFC

ACAD FILE No. M:\CL\553\003\SITE PLAN.DWG



No.	REC Location	Rationale For Listing
1	Former underground tanks located south of Bldg. 14 (3,000-gal & 5,000-gal. xylene)	Underground xylene tanks were removed without reported closure confirmation on soil sampling
2	Loading dock on south side of Bldg. 14	Potential for chemical spills during loading/unloading
3	Loading dock on west end of Bldg. 14	Potential for chemical spills during loading/unloading. This dock is located nearest the dye and finishing chemical room and wastewater treatment area.
4	Northwest corner of Bldg. 14	Location where dye-colored water was observed in the ground during sewer line installations in 1997. This is also the area where seeps of discolored liquid were observed coming from an exhaust vent and cracks in the foundation.
5	Wastewater conveyance trenches in Bldg. 14	Concrete erosion and chemical attack of subslab wastewater conveyance trenches. The sub-slab trench network is extensive.
6	Southeast corner of Bldg. 14	Location where a bridge contractor identified dye-colored in 1995 and adjacent to location of process water overflows.
7	Building 12	Maintenance/ Machine Shop
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20	Bldg. 11 Loading Dock	Potential for chemical spills during loading/unloading
21	Across Grove Street from Bldg. 14	Former gasoline station located across Grove Street southeast of the site

LEGEND
 8 - LOCATION OF RECOGNIZED ENVIRONMENTAL CONDITION (REC) DESIGNATION

NOTES:
 BASE MAP PROVIDED BY GARDNER & PETERSON ASSOCIATES, ENTITLED "PLAN OF LAND PROPOSED FOR AMERBELLE CORPORATION, VERNON, CT." DATED 3-17-95. ORIGINAL SCALE: 1" = 40'.
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DATE	
BY	
DESCRIPTION	
REV. No.	



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SCALE IN FEET
 1" = 60'
 0' 30' 60' 120'

RECOGNIZED ENVIRONMENTAL CONDITIONS
AMERBELLE CORPORATION
104 EAST MAIN STREET
VERNON, CONNECTICUT

PROJECT No. 553-003
 FIGURE No. 3

REVIEWED BY: TFC
 DRAWN BY: SMC



Photograph No. 1: View of the Amerbelle facility looking towards the southeast. Buildings 1, 5 and 4 are visible, looking from right to left. The water fall over the American Mill Pond Dam is visible in the foreground.



Photograph No. 2: View of Building 14 (right) and Building 12 (left) looking across Brooklyn Street towards the east. The raceway crosses beneath Building 14 and Brooklyn at this approximate location.



Photograph No. 3: View of courtyard formed by Building 11 and 8 (left), Building 4 (straight ahead) and the off-site Daniel's Warehouse (at right), looking towards the southwest.



Photograph No. 4: A Jig Dyeing Machine in Building 14. Dyeing wastewaters are batch dumped to floor trenches for conveyance to the wastewater treatment system.



Photograph No. 5: A Beam Dyeing Machine during set-up in Building 14.



Photograph No. 6: Photograph showing an example of concrete erosion in the northwestern area of Building 14 where dyeing and finishing chemicals are formulated and mixed.



Photograph No. 7: A Finishing Frame sizes, applies coatings to the surface and dries textiles after treatment.



Photograph No. 8: Bulk tanks located in the west end of Building 14 store sodium hydroxide and sulfuric acid used in the pH neutralization of dyeing and finishing wastewaters.



Photograph No. 9: Solvent-based coatings are extruded across stretched textile prior to being conveyed through drying ovens. The fumes captured and incinerated in thermal oxidizers. Amerbelle operates two solvent-based coating lines.



Photograph No. 10: Moisture and potential dye residues are exhausted from a ventilation fan in the area where the dyeing and finishing chemicals are mixed. There was evidence of patching where cracks and potential seepage had occurred through the foundation wall (left of vent).



Photograph No. 11: Three transformers are labeled as PCB-containing on the south side of Building 7. The transformers appeared to sit within a metal containment system which drains towards the back this photograph, discharges to a 55-gallon drum and overflows to the ground.



Photograph No. 12: Storage of 55-gallon drums of flammable coatings in Building 1.

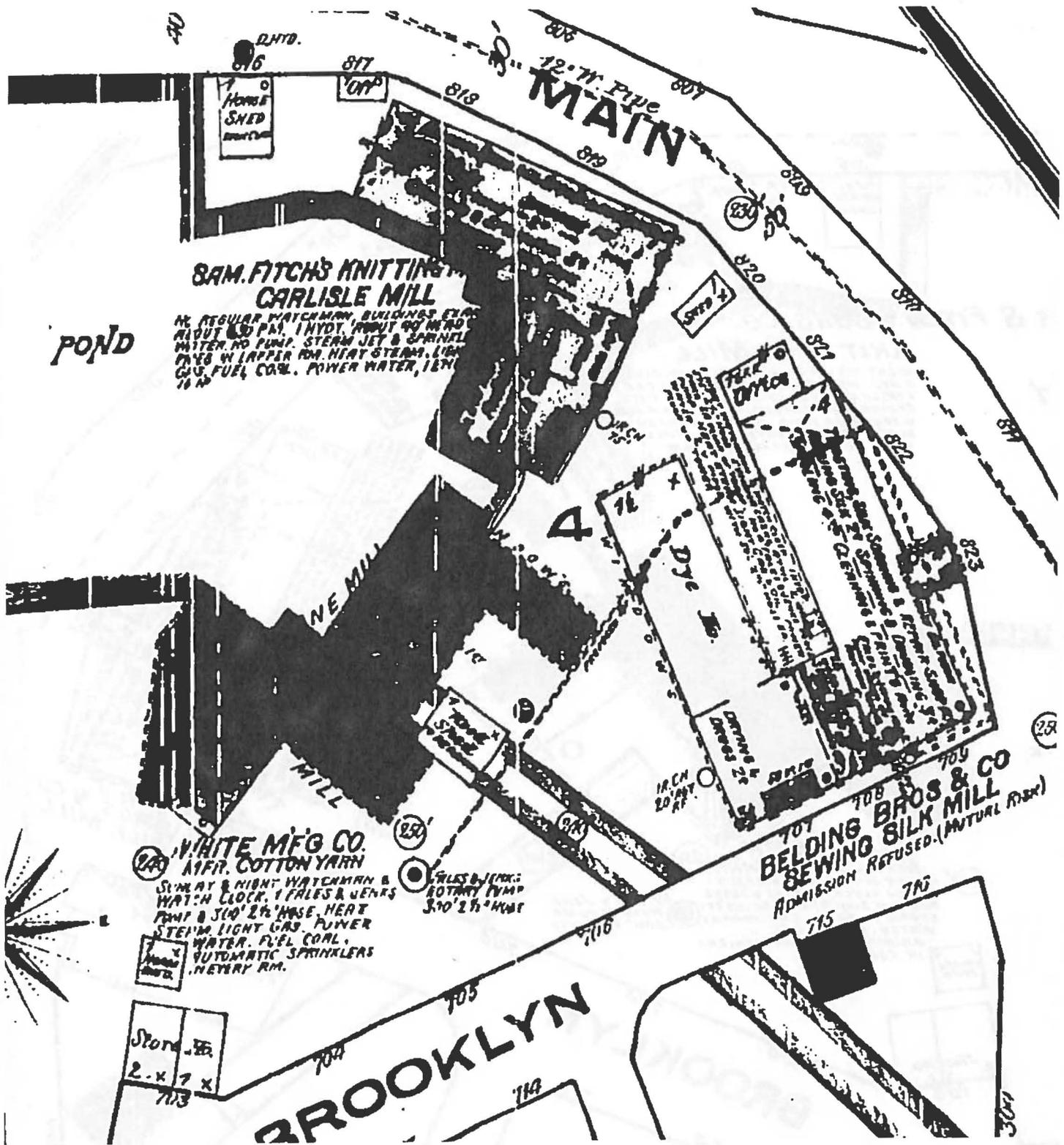
TABLE 1
SUMMARY OF REPORTED OIL & CHEMICAL SPILLS
AMERBELLE CORPORATION
104 EAST MAIN STREET
VERNON, CONNECTICUT

No.	Date	CTDEP Case Number	Type of Release	Amount Released	Location/Cause	Corrective Action/Status
1	04/25/1984	Not Specified	Chemical reaction (Gaseous)	Not Specified	Thiourea dioxide caused an exothermic reaction and approximately 100 lbs was discharged to the sanitary sewer.	Not Specified
2	05/11/1984	Not Specified	Acetic acid	Not Specified	Rt. 31 - Main Street	None Required
3	05/21/1986	757-5-21-86	Waste Oil	5 gallons	Heat exchange tube broke - release to pond surface	None Required
4	05/29/1986	821-5-89-86	Oil	5 gallons	Hose failure - pond surface	Recovered 5 gal - Dispersed
5	06/23/1986	971-6-23-86	Waste Oil	500 gallons	Tank overflow - 100 gallons to pond	400 gallons recovered
6	3/1998	Not Specified	Sewage	Not Specified	Recurring back-up of sewer line on Brooklyn Street. A 2x4 was found to be restricting flow downstream from the site	Fixed
7	06/24/1988	Not Specified	Oil	50-100 gallons	Released into river from oil delivery	Not Specified
8	12/19/1988	31-12-19-88	Refined waste oil	350 gallons	Tank overflow on Brooklyn Street	Contained
9	04/26/1989	Not Specified	Oil	20-25 gallons	Oil delivery - hose ruptured	Contained
10	07/11/1989	2277-7-11-89	Waste Oil	13 gallons	Failure of 25,000-gallon (presumably 20k) inground tank	Pumped out tank
11	10/17/1989	3974-10-17-89	Waste Oil	20 gallons	Overfilled 6,500-gal temporary tank	Not Specified
12	11/23/1989	4374-11-23-89	Sprinkler system	Unknown	Sprinkler system misfired in chemical storage room	Not Specified
13	02/20/1990	545-2-20-90	Xylol	10-15 gallons	55-gal drum spill for tank testing - rear parking lot of Bldg. 14	Contained
14	08/13/1990	3114-8-15-90	Gas odors	Not Specified	Possible burner malfunction	Not Specified
15	01/18/1991	209	Ammonia	100 gallons	5000-gallon exterior tank on the south side of Bldg 14 began leaking.	Emptied, Contained & Removed
16	02/13/1991	537-2-13-91	Used Oil	5-10 gallons	Hose failure during used oil delivery	Contained
17	04/23/1991	1491	Dyeing Wastewater	Not Reported	Sanitary sewer pipe failure caused release to river at Grove Street	Closed
18	03/10/1992	92-1074	Diesel fuel	50 gallons	Fuel tank failure on truck at Bldg 11 loading dock	Contained
19	11/05/1992	5647	Specification Oil	100 gallons	Released into river (piping problem)	Closed
20	02/15/1994	686	Liquid Dye	5 gallons	Discharged to a floor drain to the sanitary sewer inside an unspecified building	Closed
21	04/18/1995	1962	Dye or sewage	> 100 gallons	Dark blue substance encountered in the ground by contractor rebuilding a bridge on Grove Street, southeast of the site. The material was impacting the river.	Closed
22	07/19/1996	96-3796	Non-Haz Dye	55 gallons	Drum fell off truck at corner of Brooklyn & Cedar Streets	50 gallons recovered
23	05/19/1997	97-02526	Hydraulic oil	80 gallons	Freight elevator hose ruptured. The elevator sump drained to river.	Closed
24	05/29/1997	Not Specified	Aerotex 96 Water Repellent	20-25 gallons	Spilled from a drum on Brooklyn Street	Contained
25	12/03/1997	Not Specified	Liquid Propane	Not Specified	Valve failure on aboveground tank in rear parking lot	Not Specified
26	11/13/1998	Not Specified	Gasoline	Not Specified	Tractor trailer on Grove Street leaking gasoline	Contained
27	01/12/1999	Not Specified	Hydraulic oil	Not Specified	Hydraulic oil leaked from a calendar. The oil collected in a sump beneath the machine.	Contained
28	05/13/1999	Not Specified	Oil	Not Specified	DEP observed oil sheen on Pond surface	Not Specified
29	02/17/2000	2000-01003	Liquid Caustic	2 gallons	Drum punctured while loading truck at the Bldg 11 loading dock	Closed
30	10/11/2000	Not Notified	Chemical (not specified)	Not Specified	Spill inside plant at DSN 004 pH station	Not Specified
31	11/06/2001	Not Specified	Sulfuric Acid	4 gallons	Drum punctured at Bldg 11 loading dock	Contained & cleaned
32	01/2002	Not Specified	Compressor Oil	Est. 5-10 gallons	Air compressor leaked and released into river through the non-contact cooling water discharge.	Not Specified

Notes:

1. This table summarizes reported oil and chemical spills, as identified in files maintained by the CT Department of Environmental Protection, Environmental Data Resources GeoChek report, and facility records.

APPENDIX 2
SANBORN FIRE INSURANCE MAPS
FACILITY MAP DATED 1956



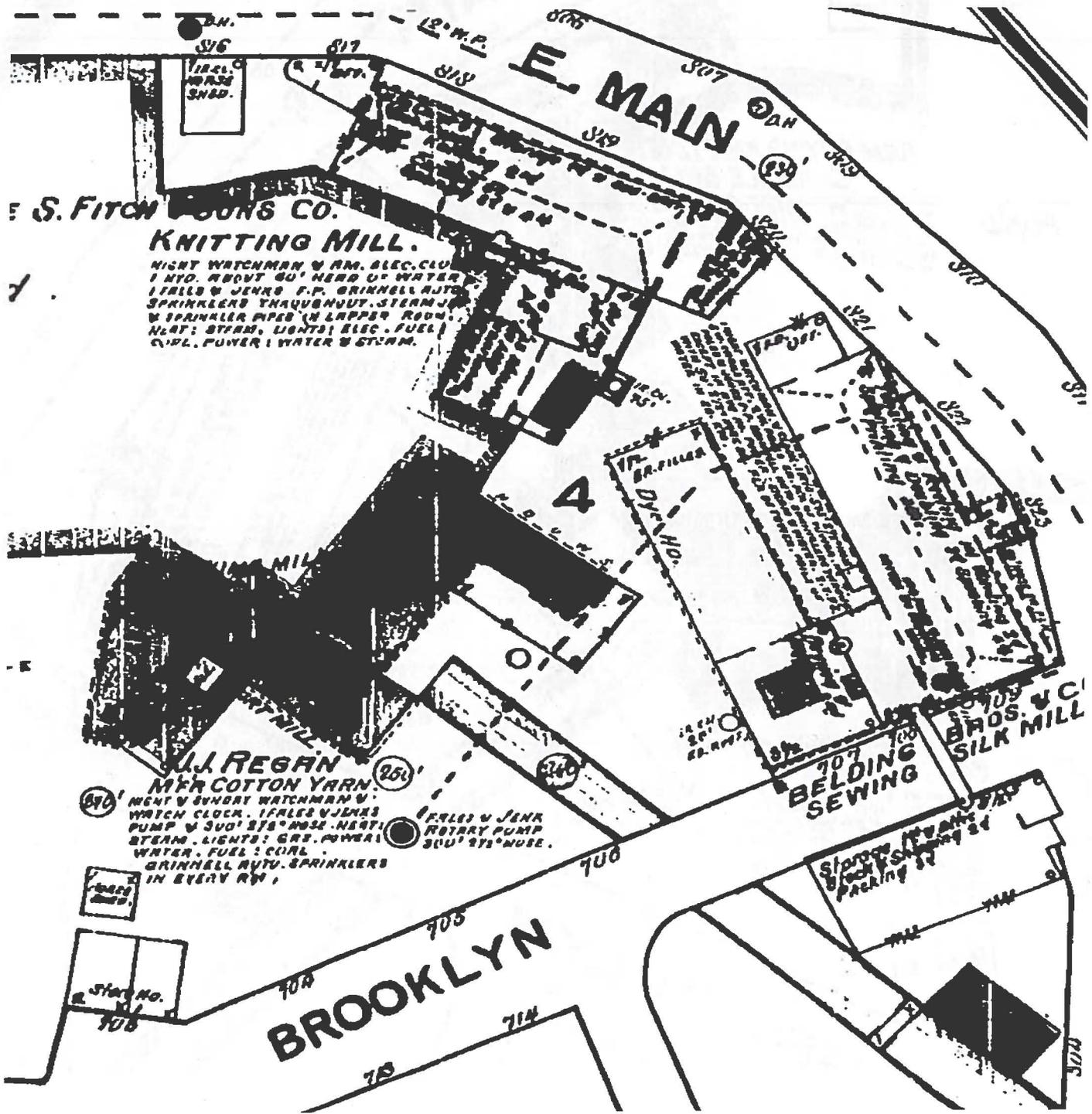
**SAM. FITCH'S KNITTING
CARLISLE MILL**
 14 REGULAR MATCHMAKING BUILDINGS 12' x 14'
 ABOUT 100 PAI. 1 HYD. ABOUT 40 HEADS
 WATER NO PUMP. STEAM JET & SPINNING
 1748 W. LAPPER RM. HEAT STEAM. LIGHT
 GAS. FUEL. COAL. POWER WATER, 18" H
 14 H

WHITE MFG CO.
 11' x 17' COTTON YARN
 51' x 14' & 14' x 14' WATERMILL &
 WATCH CLOCK. 1 FALES & JENAS
 PUMP & 300' 2 1/2" HOSE. HEAT
 STEAM. LIGHT GAS. POWER
 WATER. FUEL COAL.
 AUTOMATIC SPRINKLERS
 NEUTRAL RM.

SALES & JENAS:
 ROTARY PUMP
 3' x 7' 2 1/2" HOSE

BELDING BROS & CO
SEWING SILK MILL
 ADMISSION REFUSED. (MUTUAL RISK)

BROOKLYN



S. FITCH BROS. CO. KNITTING MILL.
 NIGHT WATCHMAN & RM. ELEC. CLU.
 1 HYD. HEAD 60' HEAD OF WATER
 1 FALL & JENK F.P. GRINNELL AUTO
 SPRINKLERS THROUGHOUT. STEAM J.
 & SPRINKLER PIPES IN LAPPER ROOM.
 HEAT: STEAM. LIGHTS: ELEC. FUEL
 COAL. POWER & WATER & STEAM.

J.J. REGAN MFR COTTON YARN.
 NIGHT & SUNDAY WATCHMAN &
 WATCH CLOCK. 1 FALLS & JENK'S
 PUMP & 300' 275" ROSS. HEAT:
 STEAM. LIGHTS: GAS. POWER:
 WATER. FUEL: COAL. GRINNELL AUTO. SPRINKLERS
 IN EVERY RM.
 1 FALLS & JENK
 ROTARY PUMP
 300' 275" ROSS.

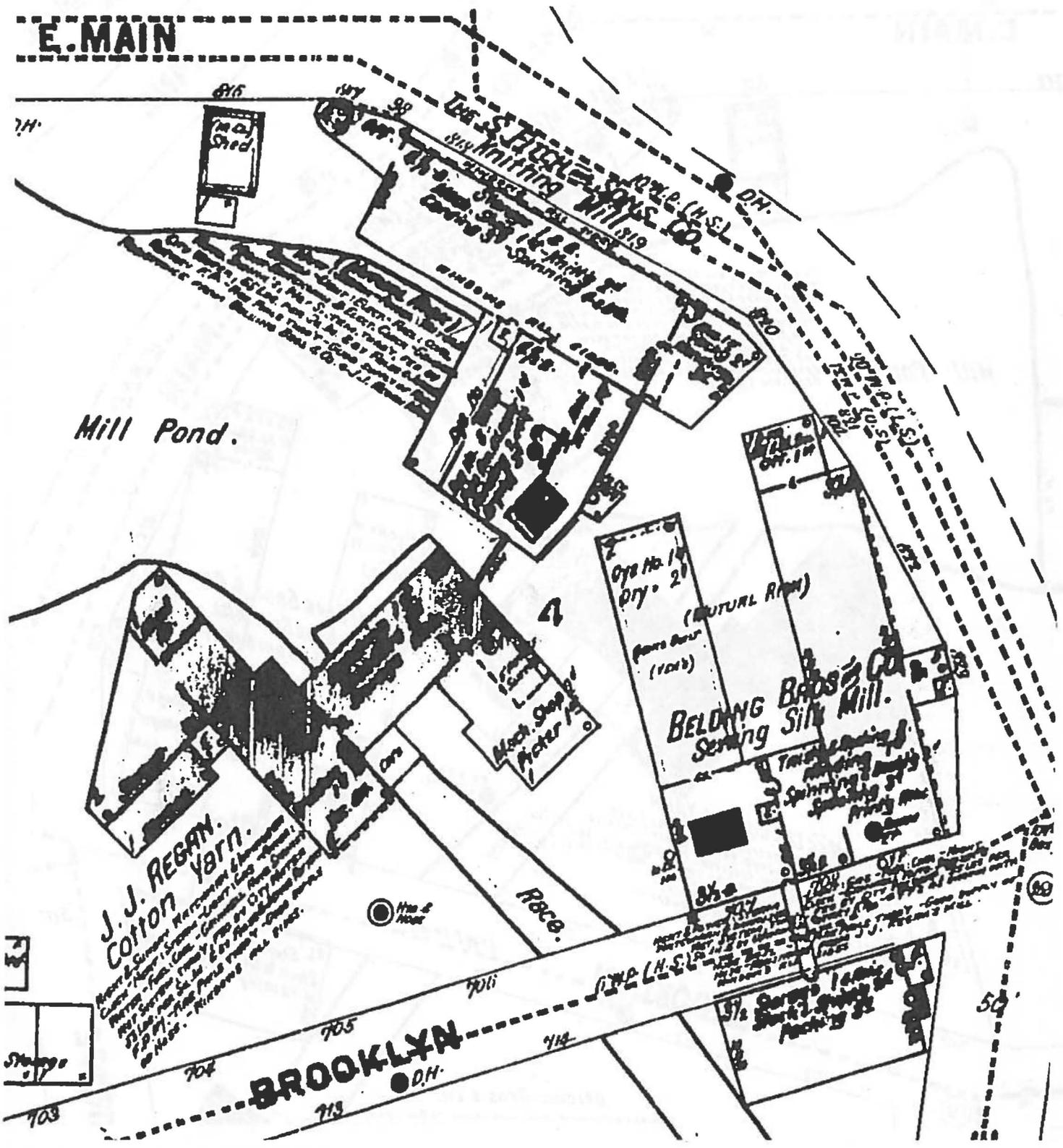
BROS. & CO. SILK MILL

BELDING SEWING

BROOKLYN

Storage of
 black & white
 packing 3'

E. MAIN

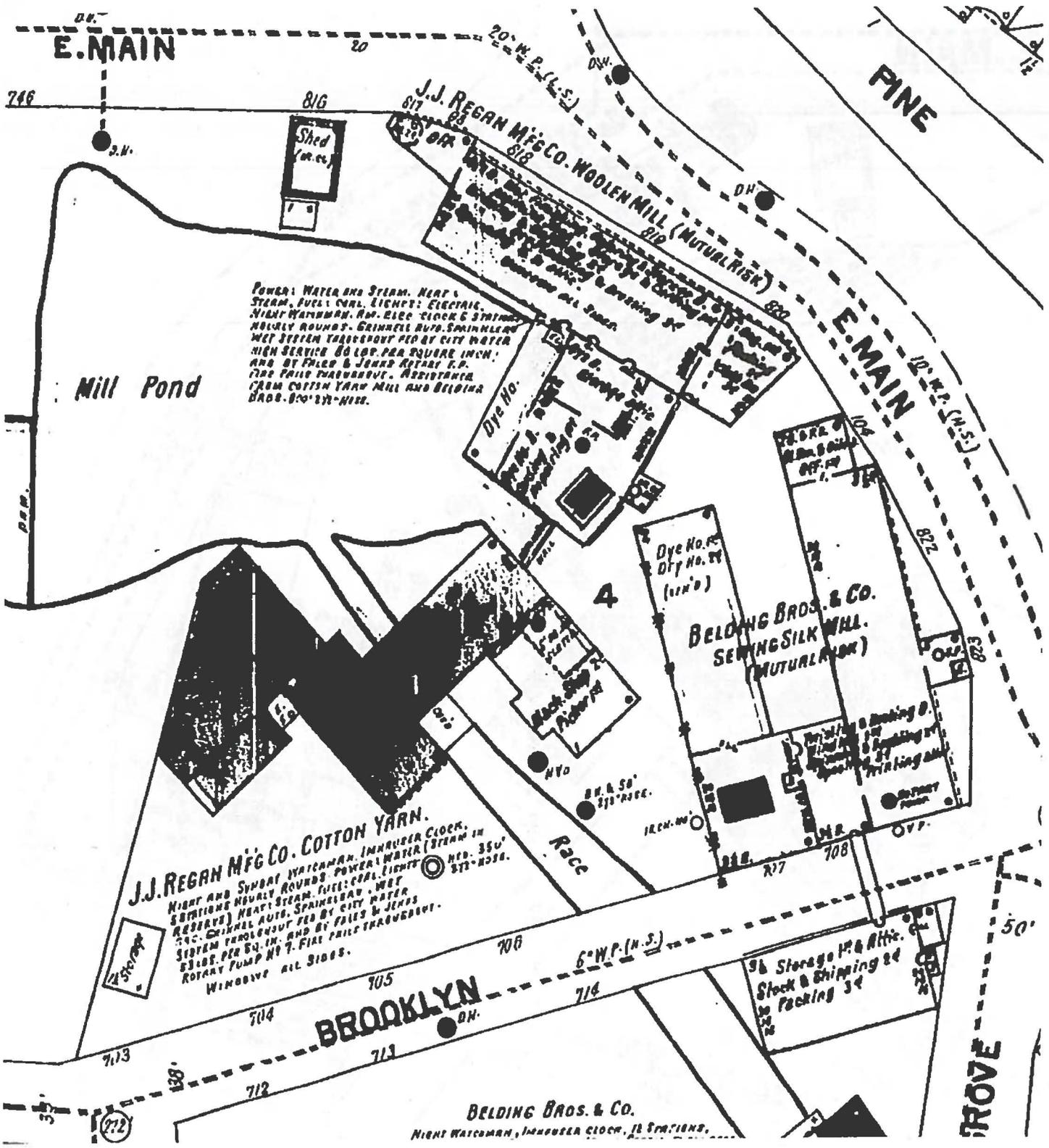


Mill Pond.

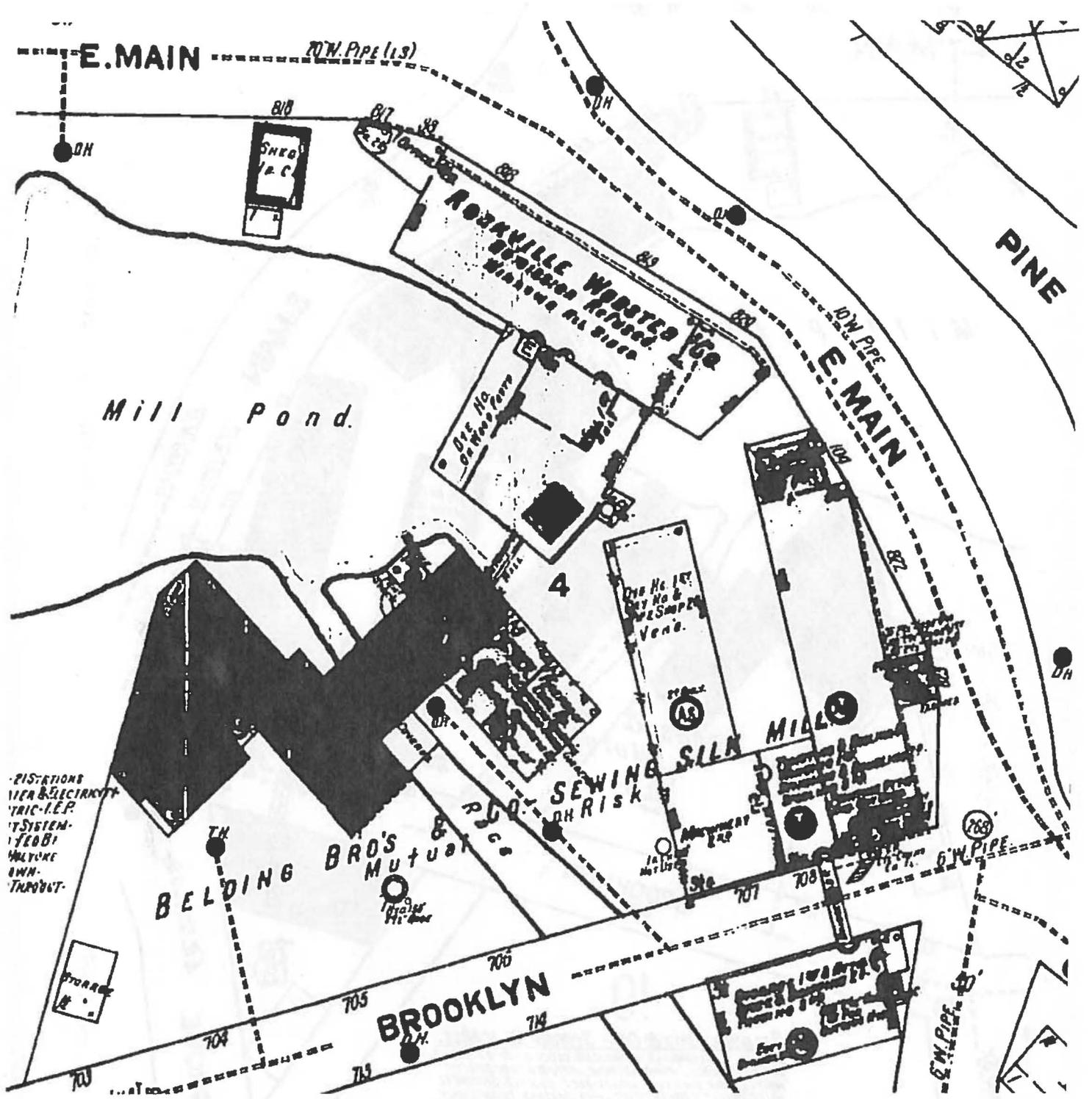
J. J. REGAN.
Cotton Yarn.
 Agent & General Warehouse & Commission
 Cotton, Wool, Silk, Flax, Linen, Hemp, etc.
 212 N. 5th St. - New York City

BELDING BROS Sift Mill.
 Sift Mill
 Sift Mill
 Sift Mill

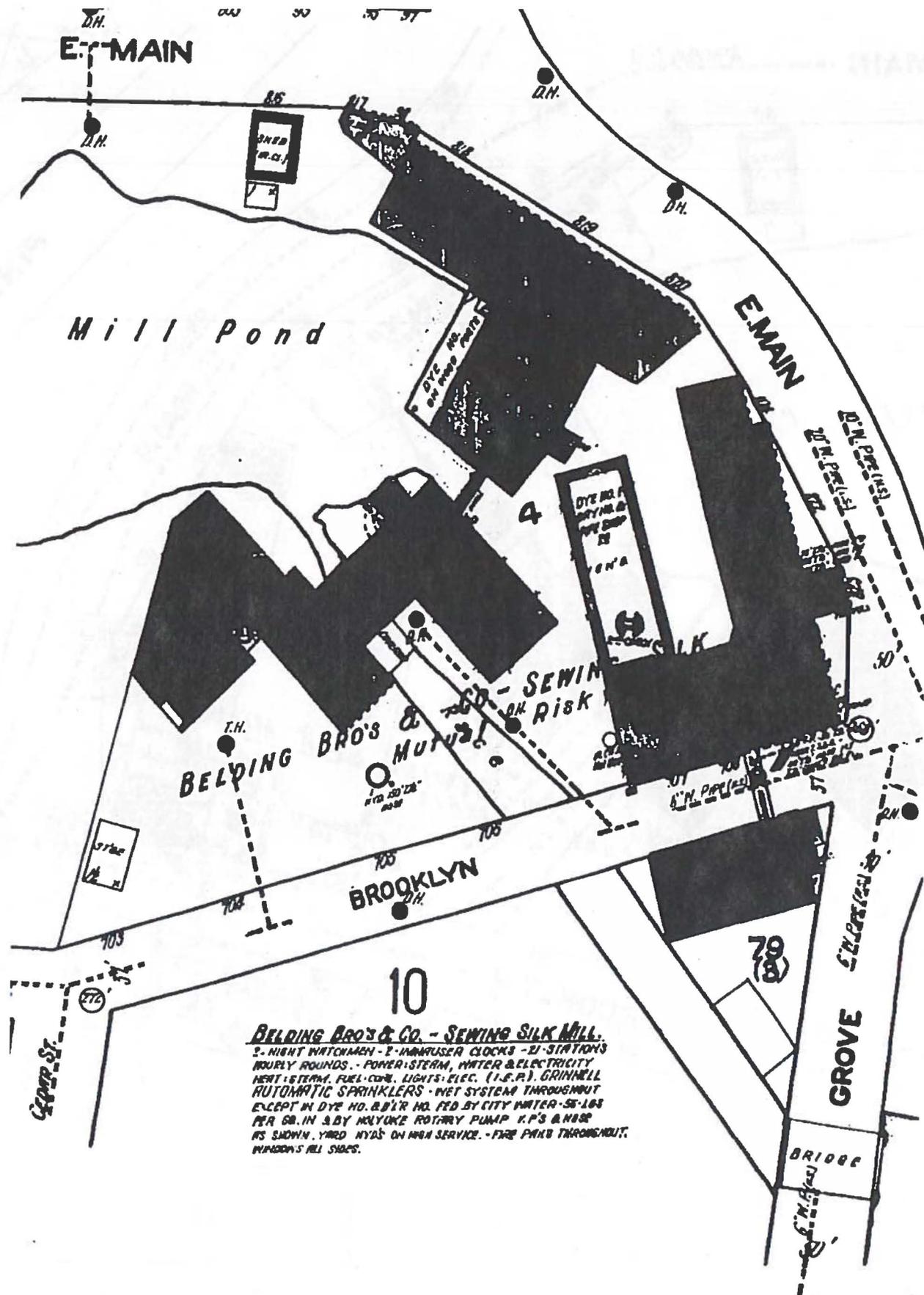
BROOKLYN



1903



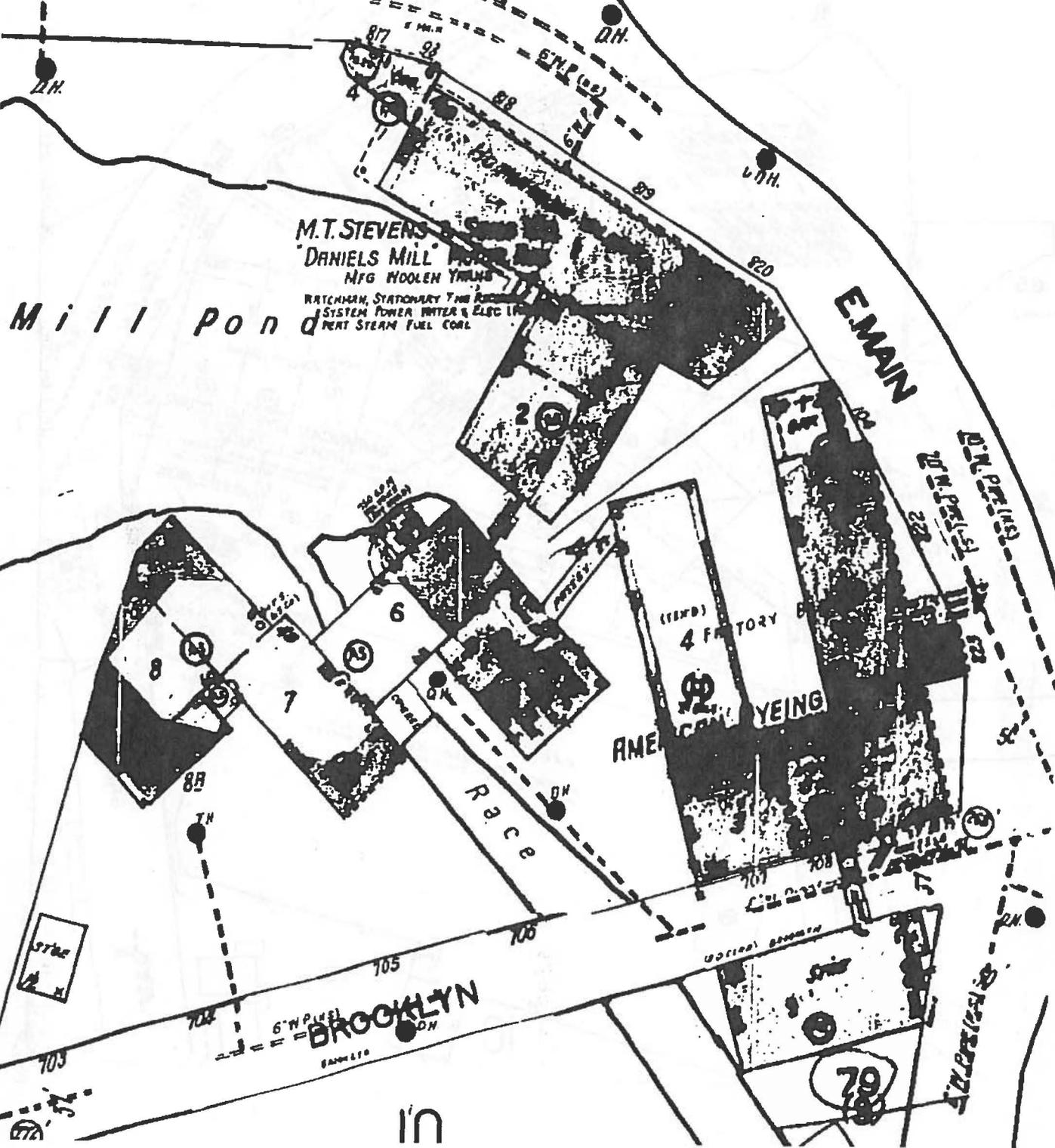
1911



BELDING BROS & CO. - SEWING SILK MILL.
 2 - NIGHT WATCHMEN - 2 - MANUSER CLOCKS - 21 - STATIONS
 HOURLY ROUNDS. - POWER, STEAM, WATER & ELECTRICITY
 HEAT, STEAM, FUEL, COAL, LIGHTS, ELEC. (I.E.P.). GRINNELL
 AUTOMATIC SPRINKLERS - MET SYSTEM THROUGHOUT
 EXCEPT IN DYE HO. & WASH HO. FED BY CITY WATER - 55-105
 PER GA. IN 3 BY HOLYoke ROTARY PUMP 1.5" & 1.5"
 AS SHOWN. YARD HYDS ON MAIN SERVICE. - FIRE PUMPS THROUGHOUT.
 WINDOWS ALL SIDES.

1921

E: MAIN



M.T. STEVENS
 "DANIELS MILL"
 MFG HOOLEN YOUNG
 RATCHMAN, STATIONARY TIME
 SYSTEM POWER WATER & ELSC L
 REAT STEAM FUEL COAL

Mill Pond

E: MAIN

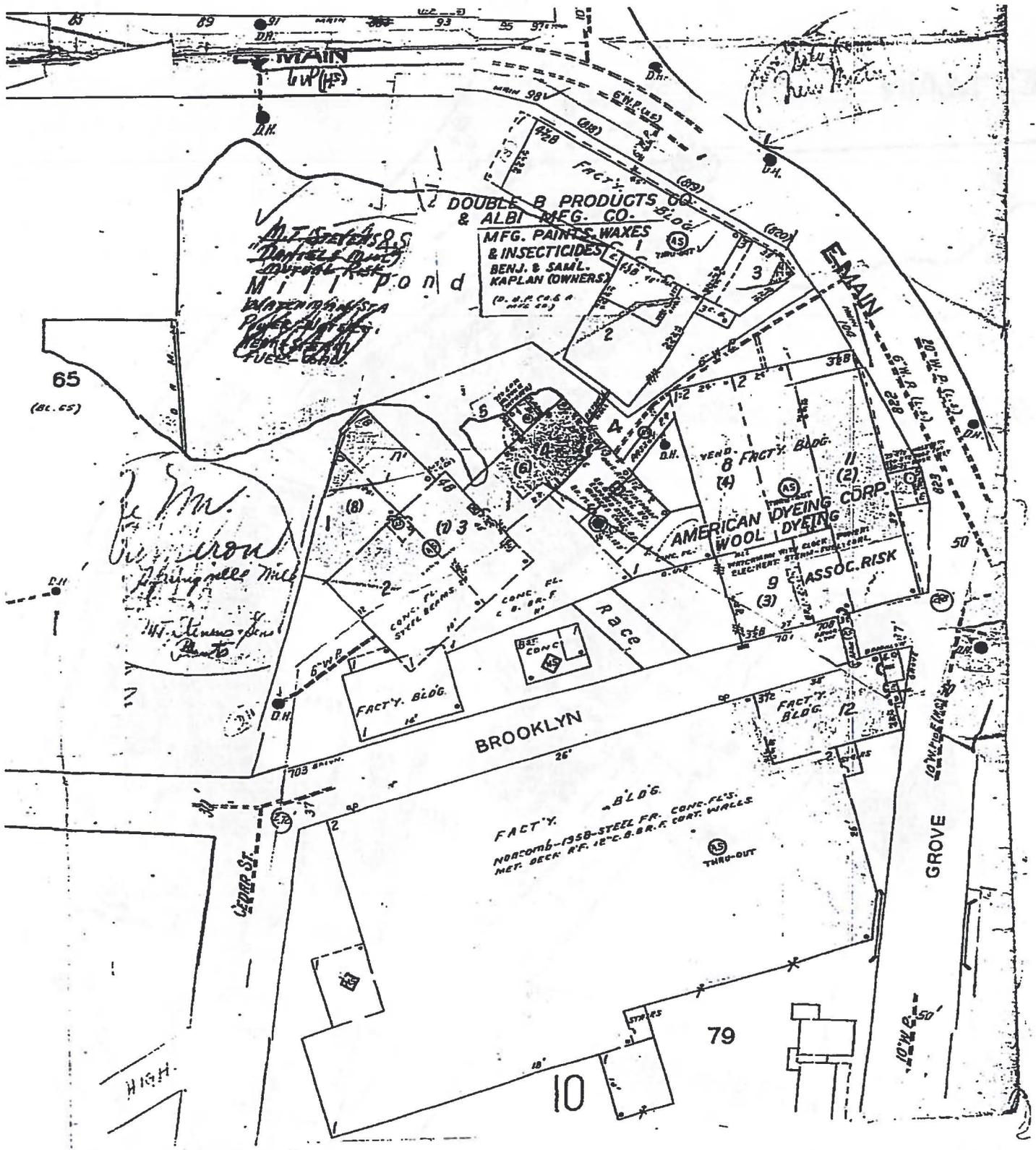
(REND)
 4 FACTORY
 AMERICAN YEING

6" W P V E L
 BROOKLYN
 S A M M E L T S

Race

79

1946



1961

APPENDIX 3
MISCELLANEOUS REGULATORY COMPLIANCE INFORMATION

- List of Dyeing and Finishing Chemicals**
- Underground Tank Notification Forms**
- Underground Fuel Oil Storage Tank Information**
- Underground Xylene Storage Tank Information**
- Hazardous Waste Inspection Report 1987**
- Water Discharge Permits & Notices of Violation**
- Air Discharge Permit**

APPENDIX 3
-List of Dyeing and Finishing Chemicals

DEP CODE: _____

PRODUCT/MATERIAL	ANNUAL USAGE (LBS)	MANUFACTURER	CHEMICAL COMPONENTS	Storage Tank ID (A = above ground, B = below ground)	Storage Tank Capacity (Units)	Number of Tanks	Submerged Fill Pipe (Y or N)
DYE CHEMICALS							
AMIQUEST OH	500			N/A	N/A	N/A	N/A
GRANSCAT 9947	1,890		Diethyl sulfate < 0.04%	N/A	N/A	N/A	N/A
ALKOSPERSE AD	441			N/A	N/A	N/A	N/A
BASOL WS	1,540	BASF	Anionic surfactant	N/A	N/A	N/A	N/A
BASOJET PEL 200	450	BASF	Surfactant	N/A	N/A	N/A	N/A
AURAWET 670 D	475	Bayer	Organic phosphorous potassium salt	N/A	N/A	N/A	N/A
BARBALUBE 285	7,200	Apollo	Aqueous high molecular weight lubricant	N/A	N/A	N/A	N/A
BARFOAMKIL WB-NS	1,200	Apollo	Defoamer	N/A	N/A	N/A	N/A
SPAR SCOUR 100	13,050	Spartan Chem.	No hazardous ingredients	N/A	N/A	N/A	N/A
SPAR PEL 200	11,775	Spartan Chem.	No hazardous ingredients	N/A	N/A	N/A	N/A
BLEACH	220	Savol	Chlorine bleach (12-15% sodium hypochlorite)	N/A	N/A	N/A	N/A
BURCO DEFOAMER WNS	7,920	Burlington	Lubricant and surfactant	N/A	N/A	N/A	N/A
BURCOSCOUR TX 199 LF	2,580	Burlington	Surfactant (1-butoxy-2-propanol)	N/A	N/A	N/A	N/A
BURCOLEV LMF 120%	1,440	Burlington	Emulsifier, surfactant (glycol, propylene glycol)	N/A	N/A	N/A	N/A
CALOX SPP	13,795	Cal Chemical	2.5% Hexylene glycol, 6-7% 2-Butoxyethanol	N/A	N/A	N/A	N/A
CALOX 75	8,550	Cal Chemical	5% Hexylene glycol, 11-13% 2-Butoxyethanol	N/A	N/A	N/A	N/A
CAL VS	15,660	Cal Chemical	No hazardous ingredients	N/A	N/A	N/A	N/A
CITRIC ACID FINE GRAN USP	22,250	Vopak USA	Citric acid, anhydrous	N/A	N/A	N/A	N/A
CARIBRITE B	450	Carib Int.	Triethanolamine	N/A	N/A	N/A	N/A
SODIUM HYDROXIDE LIQUID 50%	7,850		Sodium Hydroxide, 50%	A - indoors	1	600	N/A
CALIFIX M	19,475	Cal Chemical	<5% Ammonium hydroxide, <5% Isopropanol	N/A	N/A	N/A	N/A
CALASSIST NYL	11,700	Cal Chemical	No hazardous ingredients	N/A	N/A	N/A	N/A
SODIUM HYDROXIDE LIQUID 25%	2,300		Sodium Hydroxide, 25%	N/A	N/A	N/A	N/A
CALUBE CA1	1,800			N/A	N/A	N/A	N/A
CALSPERSE MC	6,500			N/A	N/A	N/A	N/A
CALOX SPP LF	7,130	Cal Chemical	1-2% Hexylene glycol	N/A	N/A	N/A	N/A
CYCLANON ECO	2,310	BASF	Sulfinic acid derivative in water	N/A	N/A	N/A	N/A
DSP DISODIUM PHOSPHATE	9,800	FMC	Disodium phosphate (powder)	N/A	N/A	N/A	N/A
FORMIC ACID 85%	405	Celanese	85-97% Formic acid	N/A	N/A	N/A	N/A
GARDOL 150	19,305	Apollo	No hazardous ingredients	N/A	N/A	N/A	N/A
GLAUBER SALT	6,000			N/A	N/A	N/A	N/A
GRANDBUFFER JS NEW	8,620			N/A	N/A	N/A	N/A
GRANLEV N 50	12,605	Grant Ind.	No hazardous ingredients	N/A	N/A	N/A	N/A
GRANCIN PO	3,000	Grant Ind.	No hazardous ingredients	N/A	N/A	N/A	N/A
GRANSCOUR WJ	13,920	Grant Ind.	Sulfuric acid	N/A	N/A	N/A	N/A
GRANZYME HT CONC	480	Grant Ind.	No hazardous ingredients	N/A	N/A	N/A	N/A
GRANTERGE CR	1,830	Grant Ind.	No hazardous ingredients	N/A	N/A	N/A	N/A
GRANPON SPI	1,000	Grant Ind.	No hazardous ingredients	N/A	N/A	N/A	N/A

DEP CODE: _____

PRODUCT/MATERIAL	ANNUAL USAGE (LBS)	MANUFACTURER	CHEMICAL COMPONENTS	Storage Tank ID (A = above ground, B = below ground)	Storage Tank Capacity (Units)	Number of Tanks	Submerged Fill Pipe (Y or N)
GRAN KLEER 100	2,725	Grant Ind.	Potassium hydroxide (liquid)	N/A	N/A	N/A	N/A
GRANSOL SG	3,325	Grant Ind.	Potassium hydroxide, Isopropyl alcohol	N/A	N/A	N/A	N/A
HOSTALUX ETB N	105	Clariant	Brightener, 3% Ethylene glycol	N/A	N/A	N/A	N/A
INTRACARRIER 9P	6,300	Yorkshire	5% 2-Butoxyethanol, 22% 1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A
INTRALAN SALT HA LIQUID	3,150	Yorkshire	Dispersing agent	N/A	N/A	N/A	N/A
INTRAQUEST B	500	Yorkshire	Dyeing auxiliary	N/A	N/A	N/A	N/A
INTRAQUEST TA SOLUTION	884	Yorkshire	2% Sodium hydroxide	N/A	N/A	N/A	N/A
INTRATEX JD	400	Yorkshire	Dyeing auxiliary, 7% 2-Butoxyethanol	N/A	N/A	N/A	N/A
INTRATEX DD LF	1,290	Yorkshire	Dyeing auxiliary	N/A	N/A	N/A	N/A
LYNLEV LF	450	Lyntech Ind.	Aliphatic amide condensate, polyethoxy condensate	N/A	N/A	N/A	N/A
LYNASSIT NYA	500	Lyntech Ind.	>10% Carbamide, 2(3H) Dihydrofuranone	N/A	N/A	N/A	N/A
LYNFLOW	450			N/A	N/A	N/A	N/A
LYOGEN WD LIQUID 250	425	Clariant	N-alkylpropylenediamine ethoxylate methylated	N/A	N/A	N/A	N/A
MSP MONO SODIUM PHOSPHATE	20,450	FMC	Monosodium phosphate (powder)	N/A	N/A	N/A	N/A
MINERAL SPIRITS	2,800	Exxon	Petroleum hydrocarbon, trimethyl benzene, stoddard solvent	N/A	N/A	N/A	N/A
NODOR LM	800			N/A	N/A	N/A	N/A
PAT LEV PL	2,640	Yorkshire	<2% 2-ethylhexanol	N/A	N/A	N/A	N/A
PATOGEN 345	3,520	Yorkshire	Nonylphenol polyethylene	N/A	N/A	N/A	N/A
POLYWET A	2,700	Peach State	Wetting agent, surfactant	N/A	N/A	N/A	N/A
PENETRANT D	4,610	Grant Ind.	No hazardous ingredients	N/A	N/A	N/A	N/A
HYDROGEN PEROXIDE 35%	1,500		Hydrogen peroxide, 35%	N/A	N/A	N/A	N/A
SULPHOL OXIDIZER SB	3,000		Sodium Hydroxide 1%, Sodium Bromate	N/A	N/A	N/A	N/A
SODIUM SILICATE N	625	OxyChem	Sodium silicate (liquid)	N/A	N/A	N/A	N/A
SALT PUREX	9,450	Morton	Sodium chloride	N/A	N/A	N/A	N/A
SODA ASH	36,400	Gen. Chem.	Sodium carbonate (powder)	N/A	N/A	N/A	N/A
SODIUM BICARBONATE	10,250	FMC	Sodium bicarbonate (powder)	N/A	N/A	N/A	N/A
SULPHOL PENETRANT HCA	940	Keystone	4% Isopropyl alcohol	N/A	N/A	N/A	N/A
SULPHOL REDUCER DLS LIQUID	10,650	Keystone	Proprietary carbohydrate liquid	N/A	N/A	N/A	N/A
SPAR LEV KKR	1,350	Spartan Chem.	Leveler, no hazardous ingredients	N/A	N/A	N/A	N/A
SPAR CLEAN JET	19,800	Spartan Chem.	Industrial cleaner, no hazardous ingredients	N/A	N/A	N/A	N/A
SPAR FAX 2A 1	8,000	Spartan Chem.	Anionic surfactant	N/A	N/A	N/A	N/A
SPAR LEV KKR CONC	31,500	Spartan Chem.	Modified fatty amine solution, no hazardous ingredients	N/A	N/A	N/A	N/A
THIOUREA DIOXIDE BAGS	2,970	Wego Chem.	Thiourea dioxide, formamidine sulfonic acid	N/A	N/A	N/A	N/A
UVITEX ERN	550	Ciba	Benzoxazole whitening agent	N/A	N/A	N/A	N/A
UVITEX NFW LIQ	150	Ciba	Distyryl biphenyl derivative whitening agent	N/A	N/A	N/A	N/A
UVITEX EBF	276	Ciba	Bis benzoxazole thiophenic derivative	N/A	N/A	N/A	N/A
LYNQUEST 100	1,800			N/A	N/A	N/A	N/A
SPARWET EH	9,450		No hazardous ingredients	N/A	N/A	N/A	N/A

DEP CODE: _____

PRODUCT/MATERIAL	ANNUAL USAGE (LBS)	MANUFACTURER	CHEMICAL COMPONENTS	Storage Tank ID (A = above ground, B = below ground)	Storage Tank Capacity (Units)	Number of Tanks	Submerged Fill Pipe (Y or N)
8B103	55		Dye Compound	N/A	N/A	N/A	N/A
ORCOCILACRON YELLOW L5G 200%	176		Dye Compound	N/A	N/A	N/A	N/A
PALANIL LUMINOUS YELLOW GN	165		Dye Compound	N/A	N/A	N/A	N/A
ORCO NYLOSOL YELLOW 9GL 200%	2,508		Dye Compound	N/A	N/A	N/A	N/A
INTRALAN YELLOW NW	220		Dye Compound	N/A	N/A	N/A	N/A
INTRASIL BRILL YELLOW 3GL NEW	55		Dye Compound	N/A	N/A	N/A	N/A
RICOAMIDE BRILL YELLOW T	41		Dye Compound	N/A	N/A	N/A	N/A
SUPERNYLITE YELLOW R	198		Dye Compound	N/A	N/A	N/A	N/A
LANASET YELLOW 2R	55		Dye Compound	N/A	N/A	N/A	N/A
ERIONL YELLOW A3G	176		Dye Compound	N/A	N/A	N/A	N/A
ORCOACID BRILL FLAVINE RGB	680		Dye Compound	N/A	N/A	N/A	N/A
ORCO YELLOW FSC SUPRA 80	205		Dye Compound	N/A	N/A	N/A	N/A
COATING PRODUCTS							
7633-2J BLACK GRIND	2,136	Raffi	47% Toluene, 14% MEK, 13% IPA, 6% Carbon Black	N/A	N/A	N/A	N/A
5411 UV CYASORB	75	Soluol	2-(2-Hydroxy-5-tert-octylphenyl) benzotriazole	N/A	N/A	N/A	N/A
8590 CLEAR BASE	169,188	Raffi	50% Toluene, 9% IPA, 0.05% Formaldehyde	N/A	N/A	N/A	N/A
DESMODERM FINISH A	220	Bayer	30% toluene, 40% t-Butyl alcohol, 10% Propylene glycol monomethyl ether acetate	N/A	N/A	N/A	N/A
982-7LS	8,970	Lyons	0.20% Ammonia, 0.065% Formaldehyde	N/A	N/A	N/A	N/A
909-7 LYONS	86,090	Lyons	0.25% Ammonia, 0.045% Formaldehyde,	N/A	N/A	N/A	N/A
973-4 LYONS	4,290	Lyons	0.20% Ammonia, 0.035% Formaldehyde	N/A	N/A	N/A	N/A
1081-9 LYONS	8,305	Lyons	0.15% Ammonia, 0.075% Formaldehyde	N/A	N/A	N/A	N/A
1078-9 LYONS	55,735	Lyons	0.25% Ammonia, 0.065% Formaldehyde	N/A	N/A	N/A	N/A
LK15-9E BLACK	480	Lyons	<0.8% Ammonium hydroxide	N/A	N/A	N/A	N/A
METHYL ETHYL KETONE	5,180			N/A	N/A	N/A	N/A
128 SOL BS	1,600	Soluol	43% Toluene, 5% IPA	N/A	N/A	N/A	N/A
70-215-2 TOPCOAT	4,656	Mace	42% Toluene, 17% IPA, 0.78% Formaldehyde	N/A	N/A	N/A	N/A
52201 THIN SOLVENT MEK/TOLUENE	349	Raffi	50% Toluene, 50% MEK	N/A	N/A	N/A	N/A
4479 THINNER	1,290	Raffi	100% Diacetone alcohol	N/A	N/A	N/A	N/A
7931 TOP	5,940	Raffi	48% Toluene, 9% IPA, 3% IBA, 0.66% Formaldehyde	N/A	N/A	N/A	N/A
9891 TOP	4,541	Raffi	41% Toluene, 18% Xylene, 9% IPA, 0.13% Formaldehyde	N/A	N/A	N/A	N/A
51903 DUR HIGH GLOSS TOPCOAT	1,580	Raffi	38% Toluene, 21% MEK, 1% IPA, 0.01% Formaldehyde	N/A	N/A	N/A	N/A
8590-YF16Y YELLOW BASE	1,372	Raffi	49% Toluene, 9% IPA, 1% MEK, 0.05% Formaldehyde	N/A	N/A	N/A	N/A
50751-YF16Y YELLOW TOP	1,865	Raffi	40% Toluene, 23% IPA, 1% MEK, 2% Diacetone alcohol	N/A	N/A	N/A	N/A
51054 TAPEABLE TOP	29,179	Raffi	45% Toluene, 15% IPA, 0.11% Formaldehyde	N/A	N/A	N/A	N/A
8590-YE35Y YELLOW BASE	2,405	Raffi	48% Toluene, 9% IPA, 0.05% Formaldehyde	N/A	N/A	N/A	N/A
50751-YE35Y YELLOW TOP	2,460	Raffi	39% Toluene, 22% IPA, 3% MEK, 3% Diacetone alcohol	N/A	N/A	N/A	N/A
51144 BASECOAT	237,164	Raffi	43% Toluene, 7% IPA, 0.05% Formaldehyde	N/A	N/A	N/A	N/A
8590-AM1G GREEN DURANE BASE	2,711	Raffi	50% Toluene, 6% IPA, 0.004% Formaldehyde	N/A	N/A	N/A	N/A

DEP CODE: _____

PRODUCT/MATERIAL	ANNUAL USAGE (LBS)	MANUFACTURER	CHEMICAL COMPONENTS	Storage Tank ID (A = above ground, B = below ground)	Storage Tank Capacity (Units)	Number of Tanks	Submerged Fill Pipe (Y or N)
85-57-1 AQUEOUS	3,208	Mace	1.64% Triethylamine, 1.69% n-Methyl-2-pyrrolidone	N/A	N/A	N/A	N/A
51-151 40K	4,250	Mace	39% Toluene, 10% IPA, 0.5% Xylene	N/A	N/A	N/A	N/A
50751-AM1G GREEN DURANE TOP	2,576	Raffi	40% Toluene, 23% IPA, 1% MEK, 3% Diacelone alcohol	N/A	N/A	N/A	N/A
50751-ZP2B BLUE DURANE TOPCOAT	420	Raffi	40% Toluene, 23% IPA, 1% MEK, 3% Diacelone alcohol	N/A	N/A	N/A	N/A
8590-ZP2B BLUE DUIRANE BASECOAT	230	Raffi	50% Toluene, 6% IPA, 0.004% Formaldehyde	N/A	N/A	N/A	N/A
SOLUCOTE BS 118	41,900	Soluol	22% Toluene, 22% Dimethylformamide, 15% MEK	N/A	N/A	N/A	N/A
SOL MID 109-195	46,216	Soluol		N/A	N/A	N/A	N/A
SOL TOP 109-193	48,799	Soluol		N/A	N/A	N/A	N/A
109-217E TOPCOAT	4,405	Soluol		N/A	N/A	N/A	N/A
52173 CLEAR DURANE BASECOAT	500	Raffi		N/A	N/A	N/A	N/A
SOL BASE 109-266B	2,000	Soluol	37% Toluene, 5% IPA, 0.1% Formaldehyde	N/A	N/A	N/A	N/A
SOL TOP BLUE 109-264	1,795	Soluol		N/A	N/A	N/A	N/A
SOL BS 183	16,000	Soluol	43% Toluene, 4% IPA	N/A	N/A	N/A	N/A
SOL BASE WHITE 183	15,600	Soluol	38% Toluene, 3% IPA, 1% MEK, 10% Titanium dioxide	N/A	N/A	N/A	N/A
SOLUCOTE FR 1044-4K	960	Soluol	28% Decabromodiphenyl oxide, 8% Antimony pentoxide	N/A	N/A	N/A	N/A
SOLUCOTE FR 559	393	Soluol	37% Toluene, 7% IPA, 3% Decabromodiphenyl oxide	N/A	N/A	N/A	N/A
50556 CLEAR TOP	263	Raffi	34% Toluene, 18% MEK, 3% MIBK, 2% IPA, 1% IBA, 0.17% Form.	N/A	N/A	N/A	N/A
52060 CLEAR TOPCOAT	107,653	Raffi	30% Toluene, 24% MEK, 6% IPA, 0.03% Formaldehyde	N/A	N/A	N/A	N/A
220 BASE	31,921	Soluol	40% Toluene, 16% IPA	N/A	N/A	N/A	N/A
920 TOP	15,580	Soluol	46% Toluene, 13% IPA	N/A	N/A	N/A	N/A
748 FR TOP	13,078	Soluol	37% Toluene, 12% IPA, 1% MEK, 2% Xylene	N/A	N/A	N/A	N/A
130A BASE	13,200	Soluol	42% Toluene, 4% IPA	N/A	N/A	N/A	N/A
6-109A FR TIP	1,200	Soluol		N/A	N/A	N/A	N/A
731 FR TOP	49,600	Soluol	37% Toluene, 12% IPA, 2% Xylene	N/A	N/A	N/A	N/A
993 TOP	123,600	Soluol	50% Toluene, 7% IPA	N/A	N/A	N/A	N/A
SOL BASE 220F	1,200	Soluol	40% Toluene, 16% IPA	N/A	N/A	N/A	N/A
447 WHITE BASE	9,200	Soluol	40% Toluene, 6% IPA, 10% Titanium dioxide	N/A	N/A	N/A	N/A
536-40K FR BASE	66,000	Soluol	43% Toluene, 6% IPA, 4% Decabromodiphenyl oxide	N/A	N/A	N/A	N/A
949S GLOSS TOP	20,000	Soluol	50% Toluene, 8% IPA	N/A	N/A	N/A	N/A
392	27,404	Soluol	53% Toluene, 6% IPA	N/A	N/A	N/A	N/A
394	3,500	Soluol		N/A	N/A	N/A	N/A
565 FR BASE	800	Soluol		N/A	N/A	N/A	N/A
767 FR TOP	400	Soluol		N/A	N/A	N/A	N/A
180C BASE	4,400	Soluol		N/A	N/A	N/A	N/A
451 WHITE TOP	22,000	Soluol	48% Toluene, 6% IPA, 2% MEK, 10% Titanium dioxide	N/A	N/A	N/A	N/A
1016-75 K	970	Soluol		N/A	N/A	N/A	N/A
137 CURADE	80	Soluol	30% IPA	N/A	N/A	N/A	N/A
555 BASE FR	60,400	Soluol		N/A	N/A	N/A	N/A
DOWANOL PM ACETATE	80	Dow Corning	97% 1-Methoxy-2-acetoxy-propane, 3% 2-Methoxy-1-acetoxy propane	N/A	N/A	N/A	N/A

DEP CODE: _____

PRODUCT/MATERIAL	ANNUAL USAGE (LBS)	MANUFACTURER	CHEMICAL COMPONENTS	Storage Tank ID (A = above ground, B = below ground)	Storage Tank Capacity (Units)	Number of Tanks	Submerged Fill Pipe (Y or N)
993X SOL TOP	1,200	Soluol		N/A	N/A	N/A	N/A
SOLUCOTE BS 78-194G	2,000	Soluol		N/A	N/A	N/A	N/A
SOLUCOTE TOP 915G	800	Soluol	45% Toluene, 14% IPA	N/A	N/A	N/A	N/A
SOLUCOTE BASE 220L	14,400	Soluol		N/A	N/A	N/A	N/A
SOLUCOTE TOP 920L	6,000	Soluol	46% Toluene, 13% IPA	N/A	N/A	N/A	N/A
TF 1032	958	Goodrich	No hazardous ingredients	N/A	N/A	N/A	N/A
TF 1088 UL	11,400	Goodrich	No hazardous ingredients	N/A	N/A	N/A	N/A
TF 1139	800	Goodrich	28% Decambromodiphenyl oxide, <8% Antimony oxide, 1% NMP	N/A	N/A	N/A	N/A
ULTRA FRESH DM 50	80			N/A	N/A	N/A	N/A
MISC. PRODUCTS							
SULFURIC ACID 50%	6,000		Sulfuric Acid, 50%	A	300 gal	1	N/A
PERCHLOROETHYLENE	400		Perchloroethylene - Used for fabric dry cleaning test	N/A	N/A	N/A	N/A
TRICHLOROETHYLENE	100		Trichloroethylene - Used for fabric spot stain removal	N/A	N/A	N/A	N/A
FUEL USAGE							
NATURAL GAS		Yankee Gas	Natural Gas	N/A	N/A	N/A	NA
PROPANE			Propane	A - outdoor	30,000 gal.	1	NA
RE-REFINED WASTE OIL		United Oil	Re-Refined Fuel Oil	A - indoor	18,000 gal. per tank	2	Y

APPENDIX 3
-Underground Tank Notification Forms



1. FIRST NOTIFICATION
OR
2. SUBSEQUENT NOTIFICATION (If checked, enter No.)

SITE I.D. _____

PLEASE TYPE. ALL THREE COPIES MUST BE LEGIBLE!
Refer to INSTRUCTIONS FOR FILING NOTIFICATION before completing form.

D. GRID COORDINATES: X _____ Y _____
E. DOES FACILITY MEET NEW REQUIREMENTS? YES NO

LOCATION OF FACILITY	SITE NAME AMERBELLE CORPORATION	NO. AND STREET 104 EAST MAIN STREET	NEAREST INTERSECTING STREET GROVE ST. & BROOKLYN ST.	CITY OR TOWN ROCKVILLE	STATE CT.	5. LATITUDE S30° 13' 00"	LONGITUDE N66° 59' 00"
BUSINESS NAME AND MAILING ADDRESS	NAME AMERBELLE CORPORATION	NO. AND STREET 104 EAST MAIN STREET	CITY OR TOWN ROCKVILLE	STATE CT.	ZIP CODE 06066	TELEPHONE (203) 875-3325	
FACILITY OWNER	NAME AMERBELLE CORPORATION	NO. AND STREET 104 EAST MAIN STREET	CITY OR TOWN ROCKVILLE	STATE CT.	ZIP CODE 06066	TELEPHONE (203) 875-3325	
TYPE OF OWNER	<input checked="" type="checkbox"/> PRIVATE <input type="checkbox"/> STATE <input type="checkbox"/> MUNICIPAL <input type="checkbox"/> FEDERAL (G.S.A. No. _____)						
OPERATOR/CONTACT PERSON	NAME IRVING HOROWITZ	NO. AND STREET 104 EAST MAIN STREET	CITY OR TOWN ROCKVILLE	STATE CT.	ZIP CODE 06066	TELEPHONE (203) 875-3325	

TANK ID.	11a. DATE OF INSTALLATION (Mo./Yr.)	11b. LIFE EXPECTANCY (# of years)	12a. TOTAL CAPACITY (Gals.)	12 b. STATUS			13. TYPE OF CONTENTS	14. CONTENTS - CHEMICAL NAME OF PRINCIPAL SUBSTANCE (not trade name.) (Enter C.A.S. No., if known)	15. CONSTRUCTION MATERIALS			16. PROTECTION				17. INTEGRAL PIPING SYSTEM		18. MONITORING SYSTEM	19. FAILURE DETERMINATION CONDUCTED? (If "YES", enter DATE and attach results. If "NO", enter "NO")	
				IN USE	ABANDONED IN PLACE	EST. QUANTITY LEFT STORED (if any) (Gals.)			REMOVED	DATE TANK LAST USED (Mo./Yr.)	STEEL	FIBERGLASS REINFORCED PLASTIC	OTHER (Specify from list A)	a. INTERNAL	b. EXTERNAL	CATHODIC PROTECTION	COATED/WRAPPED			CATHODIC PROTECTION
example	5/75	30	5000	X			X	Heating fuel #2		X		X				H	5	5/75	U	NO
example	7/60	-	8000				X	1,1,1-Trichloroethane CAS #79016	X			X				E	7	7/60	U	-
A 1	est. 1948	15	20,000	X			X	WASTE OIL	X			X				E	7	est. 1948	U	NO
A 2	est. 1948	15	20,000	X			X	WASTE OIL	X			X				E	7	est. 1948	U	NO
B	est. 1972	15	5,000	X			X	XYLENE	X			X				E	7	est. 1972	U	NO
C 1	est. 1972	15	3,000	X			X	XYLENE	X			X				E	7	est. 1972	U	NO

20. HAVE YOU ATTACHED SKETCH OF TANKS AND LOCATION? YES

21. COMMENTS:

22. CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. Penalties: any owner who knowingly fails to notify shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

22a. SIGNATURE
Irving Horowitz
22c. NAME (Type or Print)
IRVING HOROWITZ

22b. DATE SIGNED
5 May 1986
22d. OFFICIAL TITLE (of owner or authorized representative)
TREASURER

COPY 2: SEND TO LOCAL FIRE MARSHAL

J.R.



Department of Environmental Protection
 UNDER THE HAZARDOUS MATERIALS MANAGEMENT ACT
 HAZARDOUS MATERIALS MANAGEMENT UNIT
 163 Capitol Avenue, Hartford, CT 06106
 TEL. 566-4630



8 REV.

3. FOR STATE AGENCY USE ONLY
 B. DATE RCVD BY D.E.P. C. DATE ENTERED
 A. SITE I.D.
 E. DOES FACILITY MEET NEW REQUIREMENTS?
 YES NO

1a. FIRST NOTIFICATION OR
 b. SUBSEQUENT NOTIFICATION (If checked, enter No.)

SITE I.D.

PLEASE TYPE. ALL THREE COPIES MUST BE LEGIBLE!
 Refer to INSTRUCTIONS FOR FILING NOTIFICATION before completing form.

D. GRID COORDINATES
 X Y

4. LG. OF PLANTILITY
 5. NAME OF FACILITY
 6. BUSINESS NAME AND MAILING ADDRESS
 7. FACILITY OWNER
 3. TYPE OF OWNER
 PRIVATE STATE MUNICIPAL FEDERAL (G.S.A. No. _____)

OPERATOR/CONTACT PERSON
 NAME: IRVING HOROWITZ
 NO. AND STREET: 104 EAST MAIN STREET
 CITY OR TOWN: VERNON
 STATE: CT ZIP CODE: 06066-0150 TELEPHONE: (203) 875-3325

TANK ID	11a. DATE OF INSTALLATION (Mo./Yr.)	11b. LIFE EXPECTANCY (# of years)	12a. TOTAL CAPACITY (Gals.)	IN USE	ABANDONED IN PLACE	12 b. STATUS		DATE TANK LAST USED (Mo./Yr.)	13. TYPE OF CONTENTS		14. CONTENTS- CHEMICAL NAME OF PRINCIPAL SUBSTANCE (not trade name.) (Enter C.A.S. No., if known)	15. CONSTRUCTION MATERIALS				16. PROTECTION				17. INTEGRAL PIPING SYSTEM	18. MONITORING SYSTEM	19. FAILURE DETERMINATION
						EST. QUANTITY LEFT STORED (if any): (Gals.)	REMOVED		OIL/PETRO. LIQ. PRODUCT	CHEMICAL LIQUID		STEEL	FIBERGLASS REINFORCED PLASTIC	OTHER (Specify from list A)	a. INTERNAL		b. EXTERNAL		a.			
ample	5/75	30	5000	X					X		Heating fuel #2	X			X				H 3 H	5/75	U	NO
ample	7/60	-	8000				X	8/78		X	1, 1, 1 - Trichloroethane CAS #79016	X			X				E 7 W	7/60	U	-
A1	est. 1948	15	20,000				X	10/89														YES, 07/10/89
A2	est. 1948	15	20,000				X	10/89														YES, 07/10/89
B1	est. 1972	15	5,000	X					X		XYLENE	X			X				E 7 E	est. 1972	U	YES, 03/12/91
C1	est. 1972	15	3,000	X					X		XYLENE	X			X				E 7 E	est. 1972	U	YES, 04/16/90

TOWN OF VERNON FIRE MARSHAL RECEIVED

AUG 9 1991

DO YOU HAVE ATTACHED SKETCH OF TANKS AND LOCATION? YES
 COMMENTS:

22. CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. Penalty: any owner who knowingly fails to notify shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

22a. SIGNATURE
 22c. NAME (Type & Print)
 IRVING HOROWITZ

22b. DATE SIGNED
 8/8/91
 22d. OFFICIAL TITLE (of owner or authorized representative).
 EXECUTIVE

COPY 2 SEND TO LOCAL...

UNDERGROUND STORAGE TANK FACILITY NOTIFICATION

2. PG of



STATE OF CONNECTICUT
Department of Environmental Protection
UNDERGROUND STORAGE FACILITIES PROGRAM
Bureau of Waste Management
79 ELM STREET, Hartford, CT 06106-5127
TEL. (203) 424-3374



M-8 Rev.

FIRST NOTIFICATION

SUBSEQUENT NOTIFICATION (If checked, enter no.)

SITE I.D.
146-2991

PLEASE TYPE OR PRINT. ALL THREE COPIES MUST BE LEGIBLE
Refer to INSTRUCTIONS FOR FILING NOTIFICATION before completing form.

3. FOR STATE AGENCY USE ONLY		A. DATE ENTERED
B. FEE BILLED	C. FEE RECEIVED	
D. GRID COORDINATES X Y		E. DOES FACILITY MEET NEW REQUIREMENTS? <input type="checkbox"/> YES <input type="checkbox"/> NO

LOCATION OF FACILITY	SITE NAME AMERBELLE CORPORATION	NO. AND STREET 104 EAST MAIN STREET	NEAREST INTERSECTING STREET GROVE ST. & BROOKLYN ST.	CITY OR TOWN VERNON	STATE CT	5. LATITUDE	LONGITUDE
BUSINESS NAME AND MAILING ADDRESS	NAME	NO. AND STREET	CITY OR TOWN	STATE	ZIP CODE	TELEPHONE ()	
FACILITY OWNER	NAME AMERBELLE CORPORATION	NO. AND STREET 104 EAST MAIN STREET	CITY OR TOWN VERNON	STATE CT	ZIP CODE 06068-0150	TELEPHONE (203) 875-3325	
TYPE OF OWNER	<input checked="" type="checkbox"/> PRIVATE <input type="checkbox"/> STATE <input type="checkbox"/> MUNICIPAL <input type="checkbox"/> FEDERAL (G.S.A. NO. _____)						
OPERATOR/CONTACT PERSON	NAME	NO. AND STREET	CITY OR TOWN	STATE	ZIP CODE	TELEPHONE ()	

TANK I.D.	11a. DATE OF INSTALLATION (Mo./Yr.)	11b. LIFE EXPECTANCY (# of years)	12a. TOTAL CAPACITY (Gals.)	12b. STATUS			13. TYPE OF CONTENTS		14. CONTENTS CHEMICAL NAME OF PRINCIPAL SUBSTANCE (not trade name) (Enter C.A.S. No., if known)	15. CONSTRUCTION MATERIALS			16. PROTECTION					17. INTEGRAL PIPING SYSTEM DATE OF INSTALLATION OR REPLACEMENT (Mo./Yr.)	18. MONITORING SYSTEM (Specify type from list B)	19. FAILURE DETERMINATION CONDUCTED? (If "YES", enter "DATE" and attach results). (If "NO", enter "NO")
				IN USE	ABANDONED IN PLACE	EST. QUANTITY LEFT STORED (If any) (Gals.)	REMOVED	DATE TANK LAST USED (Mo./Yr.)		OIL/PETRO-LEUM PRODUCT	CHEMICAL LIQUID	STEEL	FIBERGLASS REINFORCED PLASTIC	OTHER (Specify from List A)	a. INTERNAL		b. EXTERNAL			
ample	5/75	30	5000	X				X	Heating fuel #2	X	X	X	X	X	X	X	H 3 H	5/75	U	NO
ample	7/60	-	8000				X	8/78	1,1,1-Trichloroethane CAS #79016	X	X	X	X	X	X	E 7 W	7/60	U	-	
B1	est. 1972	15	5,000				X	1/93												Yes, 5/21/92
C1	est. 1972	15	3,000				X	1/93												Yes, 8/12/91

RECEIVED
TOWN OF VERNON
FIRE MARSHAL
AUG 28 1995

HAVE YOU ATTACHED SKETCH OF TANKS AND LOCATION? YES
COMMENTS:

22. CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.
Penalties: any owner who knowingly fails to notify shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

22a. SIGNATURE
Irving Horowitz
22c. NAME (Type or Print)
IRVING HOROWITZ

22b. DATE SIGNED
8/25/95
22d. OFFICIAL TITLE (of owner or authorized representative)
EXEC. VICE PRESIDENT

COPY 2: SEND TO LOCAL FIRE MARSHAL

APPENDIX 3
-Underground Fuel Oil Storage Tank Information

Town of Vernon, Conn.

NO 015792

BUILDING PERMIT

and

CERTIFICATE OF ZONING COMPLIANCE

ESTIMATED COST

Structural \$ 28,000.00
Plumbing:
Heating:
Wiring:

FINAL COST: \$

FEE \$ 224.00

October 10, 1989

APPLICANT'S PERMIT

Permission is hereby granted to O. R. Cote Co.

To remove and dispose of two 20,000 gallon fuel oil tanks.

on the side of No. 104 East Main Street. Owner: Amerbelle Corp.

Class:	Size:	Heating:	Air Condition
Type:		Oil Burner	
Foundations:	Porch: X	Basement:	Cement
Ext. Walls:		Plumbing:	Earth
Roof:		Bath:	Lavatory
Roofing:		Fire Places:	
Interior:	Ceiling Height:	Weatherstrip:	Insulation
No. of Rooms:	1st Floor 2nd Floor	Attach. Garage:	Cement
Floors:		Interior Finish:	
Flooring:		Breezeway:	X
Joists:			

BUILDING DEPARTMENT TOWN OF VERNON, CONN.

This permit expires six (6) months from the above date:

[Signature] Building Official
Zoning Enforcement Officer

RECEIVED OCT 18 1989

All building permits approved subject to field inspections.

IRVING: COPY OF TOWN PERMIT PER
YOUR REQUEST

J. Lyons 1/26/90

THE AMERBELLE
Corporation



DYEING · FINISHING · COATING OF SYNTHETIC AND BLEND FABRICS

FACTORY AT
104 EAST MAIN ST.
P.O. BOX 150
VERNON, CT 06066-0150
TELEPHONE 203 875-3325
FAX: 203 875-2238

450 SEVENTH AVENUE
NEW YORK, NY 10123-0101
TELEPHONE 212 736-7020
FAX: 212 564-0939

April 16, 1990

Mr. Brian Coss
Department of Environmental Protection
Waste Management Bureau
Oil and Chemical Spill Response
165 Capitol Avenue
Hartford, CT 06106

SUBJECT: Removal of Remaining Soil
in Fuel Tank Area

Dear Brian:

This letter is confirming our phone conversation of April 12, 1990, in which you advised that our second soil analysis allows us to move this soil to the Manchester Land Fill Area.

Also, you have notified the Manchester Land Fill Area to accept this soil.

Very Truly Yours,

Irving Horowitz, Vice President
The Amerbelle Corporaiton

IH:dn



P.O. BOX 591, EAST LONGMEADOW, MASSACHUSETTS 01028 (413) 826-1188

October 12, 1989

Page 1 of 3

P.O. #54908

O. R. Cote Company
 556 St. James Avenue
 P.O. Box 9009
 Springfield, MA 01101
 Attn: Mr. Walt Ugolick

Invoice #1136
 Date Sampled: 10/02/89
 Date Received: 10/02/89
 Date Analyzed: 10/04/89

Sample Matrix: Soil

Dear Mr. Ugolick,

The results of analyses requested are listed below:

<u>Lab #</u> <u>Sample #</u> <u>Location</u>	<u>Total Petroleum Hydrocarbons</u> <u>mg/kg</u>
89B06444 (#1) Inside Rear	<10
89B06445 (#2) Inside Front	30
89B06446 (#3) Inside Ctr.	<10
89B06447 (#4) O.T. Rear-Tras.	20
89B06448 (#5) O.T. Front Building	<10
89B06449 (#6) Outside Tank Gr.	<10
89B06450 (#7) Center, Outside Wall	30



P.O. BOX 581, EAST LONGMEADOW, MASSACHUSETTS 01028 (413) 525-1188

Page 2 of 3

P.O. #54908

O. R. Cote Company

Invoice #1136

Date Sampled: 10/02/89

Date Received: 10/02/89

Date Analyzed: 10/04/89

Sample Matrix: Soil

The results of analyses requested are listed below:

<u>Lab #</u>	<u>Sample #</u>	<u>Location</u>	<u>Total Petroleum Hydrocarbons</u> <u>mg/kg</u>
89B06451	(#8)	Center Between Tanks	150

Analytical Method(s): TPH by Infra Red, EPA 418.1



Page 3 of 3

P.O. #54908

O. R. Cote Company

Invoice #1136
Date Sampled: 10/03/89
Date Received: 10/03/89
Date Analyzed: 10/11/89

Sample Matrix: Soil

The results of analyses requested are listed below:

IN LEACHATE

<u>Lab #</u>	<u>89B06456</u>
<u>Sample #</u>	<u>(#1)</u>
Silver (mg/l)	<0.05
Arsenic (mg/l)	<0.0059
Barium (mg/l)	0.1
Cadmium (mg/l)	<0.03
Chromium (mg/l)	<0.05
Mercury (mg/l)	<0.0003
Lead (mg/l)	0.63
Selenium (mg/l)	<0.003

Analytical Method(s): Atomic Absorption, E.P. Toxicity

Sincerely,

CON-TEST, Inc.

Edward Denson

Edward Denson *RMR*
Laboratory Director



P.O. BOX 591, EAST LONGMEADOW, MASSACHUSETTS 01028 (413) 525-1198

November 09, 1989

Page 1 of 3

P.O. #54908

O.R. Cote Company
556 St. James Avenue
P.O. Box 9009
Springfield, MA 01101
Attn: Mr. Walt Ugolick

Invoice #1243
Date Sampled: 10/02/89
Date Received: 10/02/89
Date Requested: 10/26/89
Date Analyzed: 11/07/89

Sample Matrix: Soil - Composite

Dear Mr. Ugolick,

The results of analyses requested are listed below:

Micrograms/Kilogram

Lab #	89B07341
Sample #	(#1)
Chloromethane	<5.0
Bromomethane	<5.0
Vinyl Chloride	<5.0
Chloroethane	<5.0
Methylene Chloride	<5.0
Trichlorofluoromethane	<5.0
1, 1, Dichloroethylene	<5.0
1, 1, - Dichloroethane	<5.0
trans-1,2, - Dichloroethylene	<5.0
Chloroform	<5.0
1, 2, - Dichloroethane	<5.0
1,1,1 - Trichloroethane	13
Carbon Tetrachloride	<5.0
Bromodichloromethane	<5.0
1, 2 - Dichloropropane	<5.0
cis - 1,3 Dichloropropene	<5.0
Trichloroethylene	<5.0
Benzene	<5.0
Chlorodibromomethane	<5.0
Trans - 1,3, Dichloropropene	<5.0
1,1,2, - Trichloroethane	<5.0
2-Chloroethylvinyl Ether	<25
Bromoform	<5.0
1,1,2,2 - Tetrachloroethane	<5.0
Tetrachloroethylene	<5.0
Toluene	60
Chlorobenzene	<5.0
Ethyl Benzene	<5.0
Xylenes	<15
Dichlorobenzenes	<15



Page 2 of 3

P.O. #54908

O.R. Cote Company

Invoice #1243

Date Sampled: 10/02/89

Date Received: 10/02/89

Date Requested: 10/26/89

Date Analyzed: 11/07/89

Sample Matrix: Soil - Composite

The results of analyses requested are listed below:

Micrograms/kilogram

Lab #	89B07341
Sample #	(#1)
Chloromethyl Methyl Ether	<25
Chloroacetaldehyde	<10000
Dibromomethane	<10
Cyclohexane	<10
1,1,1,2-Tetrachloroethane	<10
1,2,3-Trichloropropane	<10
Bromobenzene	<10
2-Chlorotoluene	<10
Benzyl Chloride	<10
Bis 2-Chloroisopropyl Ether	<25
Bis 2-Chloroethoxy Methane	<2500

Analytical Method(s): GC-Purge & Trap, EPA 8010/8020



Page 3 of 3

P.O. #54908

O.R. Cote Company

Invoice #1243

Date Sampled: 10/02/89

Date Received: 10/02/89

Date Requested: 10/26/89

Date Analyzed: 11/07/89

Sample Matrix: Soil - Composite

The results of analyses requested are listed below:

<u>Lab #</u>	<u>PCB's</u>
<u>Sample #</u>	<u>mg/kg</u>
89B07341 (#1)	<0.05

Analytical Method(s): GC-ECD, SW846-8080

Sincerely,

CON-TEST, Inc.

Edward Denson

Edward Denson
Laboratory Director

APPENDIX 3
-Underground Xylene Storage Tank Information

Town of Vernon, Conn.

No 20298

E. ESTIMATED COST

BUILDING PERMIT

and
CERTIFICATE OF ZONING COMPLIANCE

Structural \$ 12,984.00
Plumbing
Heating
Wiring

FINAL COST: \$ FEE \$ 130.00

July 16, 1993

APPLICANT'S PERMIT

Permission is hereby granted to M & G Associates

To remove 2 xylene tanks from parking area inside yard backfill grave & pavement restored to existing conditions.
on the side of No. 104 East Main Street Owner: Amerbelle Corp.

Class	Size
Type	
Foundations	Porch X
Ext. Walls	
Roof	
Roofing	
Interior	Ceiling Height
No. of Rooms	1st Floor 2nd Floor
Floors	
Flooring	
Joists	

Heating	Air Condition
	Oil Burner
Basement	Cement
	Earth
Plumbing	
Bath	Lavatory
Fire Places	
Weatherstrip	Insulation
Attach. Garage	Cement
Interior Finish	
Breezeway	X

LOCATION FOR
LOADING PERMIT

AND
EVIDENCE OF ZONING COMPLIANCE
MUST BE PRINTED OR TYPED

Location of Job _____
E. MAIN ST. ZONE _____
STREET
PARKING LOT
APARTMENT NO. _____

AMERBELLE CORP.
104 E. MAIN ST.
ROCKVILLE, CT.
Phone 875-3325
Agent or Builder M&G ASSOC.
475 TOLLAND TPK.
W. WILINGTON, CT.
Phone 487-0200

7. Type of Job
Plumbing _____ Heating _____ Electrical _____
Alteration _____ Original Construction _____
Addition _____ Demolition _____
Repair _____
8. Type of Building
Commercial _____ Residential _____
Miscellaneous _____

This permit expires six (6) months from the above date.

All building permits are approved subject to field inspection.

BUILDING DEPARTMENT TOWN OF VERNON, CONN.

Gene F. Balle Building Official/
Zoning Enforcement Officer

8481

Permits and related goods must be accompanied by this bill. **Thank You**

PRODUCT 609 (NEBS) Inc., Groton, Mass. 01471.

NO. OF AUTOMATIC WASH.	
NO. OF AUTOMATIC DISH WASH.	
NO. OF DOMESTIC H. W. HEATERS	
SPRINKLERS	
WET SYSTEM / DRY SYSTEM	
NO. OF SPRINKLER HEADS	

PUBLIC/PRIVATE
WATER _____
SEWER _____

THIS PERMIT EXPIRES _____

HOT WATER GRAVITY	
HOT WATER FORCED	
HOT AIR GRAVITY	
HOT AIR FORCED 1 - DUCT	
HOT AIR FORCED 2 - DUCT	
SUSPENDED GAS BURNING UNITS	
HEATING BLOWERS	
AIR CONDITIONING	
NO. OF HORSEPOWER	
ELECTRIC	
BURNERS ATT'D OR BUILT IN	
NO. OF OIL BURNERS	
NO. OF GAS BURNERS	
PLUMBING	
NO. OF TOILETS	
NO. OF BATHTUBS	
NO. OF LAVATORIES	
NO. OF SHOWER STALLS, TILED	
NO. OF SHOWER STALLS, METAL	
NO. OF COMBINATION SINK AND TRAY	
NO. OF KITCHEN SINKS	
NO. OF URINALS	
NO. OF URINAL TROUGHS	
NO. OF INDUST. WASH SINKS	
NO. OF AUTOMATIC WASH. MACH.	
NO. OF AUTOMATIC DISH WASH.	
NO. OF DOMESTIC H. W. HEATERS	
SPRINKLERS	
WET SYSTEM / DRY SYSTEM	
NO. OF SPRINKLER HEADS	

APPLICATION IS HEREBY

Approved Disapproved
7/16/93 J
 Date Inspector

FEE SCHEDULE

BUILDING PERMITS

\$0-\$1,000.....\$ 10.00

For each additional \$1,000 or fraction thereof..
.....\$ 10.00

CERTIFICATE OF OCCUPANCY FEE.....\$ 5.00

ACTUAL COST _____ FEE _____

ESTIMATED COST 12,984 FEE 130.-

COST _____ ADDTL. _____

DIFFERENCE _____ FEE _____

PUBLIC/PRIVATE

WATER _____

SEWER _____

THIS PERMIT EXPIRES _____

APPLICATION FOR BUILDING PERMIT

AND
CERTIFICATE OF ZONING COMPLIANCE
INFORMATION MUST BE PRINTED OR TYPED

1. Location of Job _____

ZONE

104. E. MAIN ST.

NO. STREET

PARKING LOT

FLOOR APARTMENT NO.

2. Owner AMERELLE COOP.
3. Address 104 E. MAIN ST.
ROCKVILLE, CT.
Telephone 875-3325
4. Applicant or Builder MACO ASSOC.
5. Address 475 TOLLAND TPK.
W. WILINGTON, CT.
Telephone 487-0200
6. Fee Covers
 Plumbing Heating Electrical
7. Type of Job
 Alteration Original Construction
 Addition Demolition
 Repair
8. Type of Building
 Commercial Residential
 Miscellaneous

APPLICATION FOR BUILDING PERMIT

(CONTINUED FROM THE OTHER SIDE)

9. Size of building _____ (No. of stories) Height _____ Depth _____ Front _____
10. Material of footing _____ Depth below grade _____ Width _____ Thickness _____
11. Material of foundation _____ Below Grade (Depth) _____ (Thickness) _____
Above Grade (Height) _____ (Thickness) _____
12. Material of chimney _____ Foundation _____ Height _____ Width _____ Depth _____
13. No. of flues _____ Size _____ Thickness of lining _____ City Sewer _____ Septic Tank _____

MASONRY CONSTRUCTION

	FRONT WALL	SIDE WALL	REAR WALL	PARTITION WALL	VENEER
BASEMENT					
1ST STORY					
2ND STORY					

WOOD CONSTRUCTION

FLOORS	JOISTS				GIRDERS			COLUMNS OR PIERS			
	SIZE	LONGEST SPAN	CENTERS	BRIDGING	SIZE	LONGEST SPAN	CENTERS	SIZE	LENGTH	CENTERS	FOOTING
1ST											
2ND											

16. Size of sill _____ Size of outside studs _____ Distance on centers _____
17. Size studs of bearing partitions _____ Centers _____ Are joists doubled under partitions? _____
18. Size of plate _____ Size of headers _____ Will firestops be provided? _____
19. Size of rafters _____ Distance on centers _____ Size of hip or valley rafter _____
20. Species and grade of framing _____
Type and grade of sheathing _____

21. Further Details SCOPE OF WORK IS THE REMOVAL OF (2) XYLENE TA
FROM PARKING AREA INSIDE YARD OF AMERBELE. UPON REMOVAL,
TANK GRAVE WILL BE BACKFILLED AND PAVEMENT RESTORED I
EXISTING CONDITIONS

22. All work covered by this application has been authorized by the (owner) or (agent) of this property and will be done accor
to approved plans and all local codes and regulations. Notice must be given Building Department when job is ready for ins
tion and when job is completed.

JUNE 28, 1993
DATE

Jerry Deprey
APPLICANT
JERRY DEPREY

Shire Corporation

Route 32
North Franklin, Connecticut 06254
Telephone (203) 842-8818

July 19, 1993

M & G Associates
475 Tolland Turnpike
West Willington, CT 06279

Subject: Disposal of Storage Tanks

Dear Sirs:

On 14 July 1993, we disposed of two tanks that were removed from the site located in Rockville, CT.

The tanks are as follows:

1. One Three thousand gallon underground storage tank.
2. One Five thousand gallon underground storage tank.

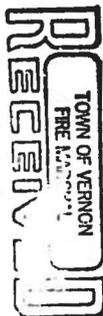
The tanks have been disposed of according to federal, state, and local regulations and repaired and returned to service. Frequent inspections of the Shire Corporation by the Connecticut Department of Environmental Protection insure compliance with all state and federal environmental regulations.

Please feel free to call Len or Sally at 1-800-491-7722 with any questions.

Sincerely yours,


Leonard E. Wiese, Sr.
President

AUG 28 1993



APPENDIX 3
-Hazardous Waste Inspection Report 1987



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



July 29, 1987

Mr. Irving Horowitz
Amerbelle Corporation
104 East Main Street
P.O. Box 150
Rockville, CT 06066

RE: Inspection Report

Dear Mr. Horowitz:

In accordance with your request, you will find enclosed for your review and information a copy of the report that was prepared following the Hazardous Waste inspection performed at your facility on July 2, 1987.

Should you have any questions regarding the enclosure, please contact Joseph Faryniarz at (203) 566-8843.

Sincerely,

A handwritten signature in cursive script, appearing to read "Douglas Zimmerman".

Douglas Zimmerman
Senior Field Inspector
Hazardous Waste Management Section

DCZ:kal

enclosure

Phone:

165 Capitol Avenue • Hartford, Connecticut 06106

An Equal Opportunity Employer

HAZARDOUS WASTE INSPECTION CHECKLIST

126

Name: Amerbelle Corporation, the

Location: 104 E. Main St.

Vernon Ct. 06066

Phone No: (-) 875-3325

ID No: CTD001139898

Contact & Title: Al Martin (Boiler room)

Irving Horowitz (vice president)

Mailing Address (if different from location):

Inspector(s): Zimmerman

CARR

Inspection Date: 7/2/87

Inspection Category: RCRA/compliance with order HM 372

RCRA Notifier as:

- Generator 8/13/80

- { spec used oil Fuel } 1/29/86
- { off-spec used oil Fuel }
- Hazardous Waste Fuel

- Part "A" Haz Waste Fuel SO2/NOx 8/18/86

- Gen status change target Sm & Gen 10/25/86

- Part "A" Formal request to return 3/5/87

Current operation/Inspection category as:

- Sm & Gen

- spec used oil Fuel storage and burner

- off-spec used oil Fuel storage/burner

CHARACTERIZATION OF SITE ACTIVITY

Year Established at Present Location: 1957 from E. Flores 4/5/82 report.

No. of Employees, Shifts: N/E

Type of Activity: Pyers, Finishers, centers of textile fabrics.

Products: Textile Fabrics.

Processes: 1) receive yarn goods and scour with xylol, ammonia and detergents w/emulsifiers, then dyed.

2) Coating operation - 3 machine's coating urethane with both solvent and water based vehicle's. pumps cleaned with M.E.K.

Boiler -> receive spec used oil Fuel and off-spec used oil Fuels and store in 2 (20,000 gal capacity) tanks and then burn in on-site industrial boilers generating steam for processes. emissions are scrubbed. water discharge to sanitary.

Site was on shutdown (vacation) at time of inspection

Water Supply (if well(s) give approx. location): N/E

Septic System(s), Municipal Sewer(s), Drywell(s): N/E

II WASTE PROFILE

<u>Waste</u>	<u>Amount/Frequency</u>	<u>On-Site, Temporary Storage/TSD</u>	<u>Transporter</u>	<u>Off-site TSD</u>
last manifested shipment of h/w waste Fuel (Fuel) 8/1/86 EWR → EWR → Amerbell				
		waste AS Fuel (spec and off-spec used oil Fuel)		
	~ 20,000 to 25,000 gallons/per week in summer		EWR Waterbury Ct.	Total waste management N.H. Manifested and transported
	~ 40,000 to 50,000 gallons/per week in winter			
3 drums Boiler Ash on-site				
MEK no longer blended in and burned. one drum on-site				

III INVENTORY

as this site notified EPA under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 PL 96-510 (commonly known as Superfund): No, Yes:
 Attach copy of Notification, if available

prior to the November 19, 1980 Implementation of RCRA Where; When; What type; Amount/Frequency; How long; and by Who (Transporters, Facilities, Etc.) were wastes disposed of at site: N/E

is there any evidence of On-site disposal? No, Yes.
 if the Approximate Location; Type; Amount/Frequency; Length of Time On-site disposal has been used, etc. (Specify any historical On-site disposal): _____

IV RECORDS

1/ (c)-
 (A)-7.
 (3)
 H. and
 Ash currently
 analyzed by
 P.
 12.

as) **Hazardous Waste Determination** -

- 2/28/87 → 4/2/87 ^{waste AS Fuel} $\epsilon_p = 139^\circ F \rightarrow 122,000$ gallons ^{Burned}.
- 3/23/87 $\epsilon_p = 127^\circ F \rightarrow 6,800$ gallons ^{Burned}.
- highest Tox evident since 8/1/84 was 662.7 ppm.

1) **Performed:** YES. Total waste management uses the invoice system and analyses are on the invoice. EWR uses the manifest system. analyses are supplied by EWR for Amerbell.

2) **Records Maintained:** YES, Invoices, Analyses, and manifests kept in Boiler Room.

used oil AS Fuel • exceeds specification Levels routinely for lead.
 Total Halogens has not exceeded Levels since 8/1/84 From Analysis review.
 Flash point not evident below 100°F minimum since 8/1/84. It has fallen between 100 → 140 as mentioned above.

IV RECORDS

a) Manifest / Invoice

acc(c)-5

Manifests from EWR O.K. in review 4 to 8/86.

- 1) Document No.: I could not locate invoice #'s on Twm's invoice S.
- 2) Generator ID, name, address: Total waste management. WH098052-1843
Parade Mill Suite 25 Portsmouth New Hampshire
- 3) Transporter(s) ID, name, address: _____
- 4) Continuing Transporter ID, Name, Address: _____
- 5) TSD Facility ID, name, address: Amerbelle CT D001139898
- 6) Waste Type/
Quantity: 6,800 gallons used oil as fuel Arsenic .42
Cd 1.0
Cr 7.64 PPM (P > 140° F)
Pb 177.6
PCB .5
Tex 4.2
- 7) Date Shipped: _____
- 8) Delivered: 6/30/87

Invoice system from Twm, O.K. in review 4 to 8/86. Invoice # not seen though. in time written office from Twm B) it located on-site.

i) International Shipping Manifest: _____

50/42/

ii) Exception Report: _____

acc(c)-6

b) Waste Analysis Plan

acc(c)-26

- 1) Plan on site: _____
- 2) Plan should include (a) parameters: _____
(b) test methods: _____
(c) sampling methods: _____
(d) frequency: _____
- 3) Copy of Results: _____

N/A

c) Inspection Schedule and Log

acc(c)-28

- 1) Are inspections conducted: _____
- 2)* Written inspection schedule: _____
- 3) Inspection Log: _____
- (A) Daily - loading and unloading of areas subject to spills: N/A
 - discharge control equipment in tanks: _____
 - incinerator system, thermal treatment equipment, _____
 - chem/phys/bio. treatment equipment: _____
 - freeboard level of surface impoundments: _____

5/
54cc(c)-28

c) Inspection Schedule and Log (continued)

(B) Weekly - physical conditions of containers:

- physical conditions of tanks: _____
- physical conditions of surface impoundments: _____
- physical conditions of chem/phys/bio. treatment facility: _____

5/
54cc(c)-29

d) Personnel Training Records

1) Job titles/position description and name of employee

2) Description of training: _____

3) Records of training: _____

4) Training completed: _____

N/A

e) Contingency Plan

1) Plan on site: _____

2) Plan to local authorities: _____

3) Content of Plan: _____

a) Emergency plan: _____

b) Local authority arrangements: _____

c) Identify emergency coordinator: _____

d) List of emergency equipment: _____

e) Evacuation plans: _____

N/A

f) Closure and Post-closure Plans; Cost Estimates

1) Closure Plan (TSD Facilities) -

a) Plan on site: _____

b) Does plan include:

1) Schedule of partial closure if applicable: _____

2) Estimate of maximum inventory of waste in storage or treatment at given time: _____

3) Schedule for final closure & an estimate of the expected year of closure: _____

4) Description of steps needed to decontaminate facility equipment: _____

5) Total time required for closure: _____

N/A

3/
54cc(c)-31

1) Plan on site: _____

53/
54cc(c)-31

2) Plan to local authorities: _____

52/
54cc(c)-31

3) Content of Plan: _____

a) Emergency plan: _____

b) Local authority arrangements: _____

c) Identify emergency coordinator: _____

d) List of emergency equipment: _____

e) Evacuation plans: _____

N/A

12, 113,
4, 115/
54cc(c)-34

1) Closure Plan (TSD Facilities) -

a) Plan on site: _____

b) Does plan include:

1) Schedule of partial closure if applicable: _____

2) Estimate of maximum inventory of waste in storage or treatment at given time: _____

3) Schedule for final closure & an estimate of the expected year of closure: _____

4) Description of steps needed to decontaminate facility equipment: _____

5) Total time required for closure: _____

N/A

17, 118/
54cc(c)-34

2) Post-closure Plan (disposal facilities only)

- a) Plan on site: _____
- b) Does plan identify and include frequency of: _____
 - o planned groundwater monitoring: _____
 - o planned maintenance & security activities: _____
 - o name, address and phone number of Post-closure contact: _____
- c) Length of Post-closure period identified: _____

2/
4cc(c)-35

3) Closure Cost Estimate (TSD facilities)

- a) Estimate on site: Amount of estimate: _____
- b) Estimate adjusted annually on 11/19 for inflation: _____
- c) Has Closure Plan changed? _____
- d) If answer to 3 is yes, has cost estimate changed? _____

144/
4cc(c)-35

4) Post-closure Cost Estimate (disposal facilities only)

- a) Estimate on-site: Amount of estimate: _____
- b) Estimate adjusted annually on 11/19 for inflation: _____
- c) Has Post-closure plan changed? _____
- d) If answer to 3 is yes, has cost estimate changed? _____

N/A

7/
1cc(c)-32

g) Operating Records

- 1) Records on site: _____
- 2) Description, quantity, method and dates of disposal: _____
- 3) Location on-site and manifest number: _____
- 4) Results of waste analysis: _____
- 5) Record of any incidents requiring use of contingency plan: _____
- 6) Records and results of inspections: _____
- 7) Closure and post-closure cost estimates if needed: _____

N/A

B. Inspection

1) Site Security

- a) 24 hour surveillance system: _____
- b) or Artificial or natural barrier: _____
- c) and Means to control entry: _____
- d) Danger sign posted at each entrance legible at 25': _____

2) Site Preparedness/Prevention

- a) Internal communication/alarm: _____
- b) Telephone/2-way radio: _____
- c) Portable fire control equipment: _____
- d) Adequate water for fire control: _____
- e) Testing and Maintenance of equipment: _____
- f) Adequate aisle space: _____
- g) Access to equipment: _____

3) Containers - 1 drum MEK, 3 drums Ash.

- Leaks NO
- Ruptures NO
- Corrosion NO
- Closed Except in use YES
- Heat/Pressure none
- 50' bufferzone for I and R wastes: MEK
I = Ignitable YES; R = Reactive _____
- No smoking signs near I or R waste _____
- Separation of incompatible wastes _____
- Evidence of spills NO

- Pretransport requirements: packaging _____
labelling _____
marking _____
placarding _____

Date of waste Accumulation N/A MEK < 6 months on site.

Check for impermeable base under containers, any drains, secondary containment O.K.

not yet regulated by EPA, however, required by 25-54cc(c)-38(c)(3)
required for Temporary Storage

2 (20,000 gal capacity) Fuel oil tanks for boilers.
noticed the DEP U. S. T. program on 5/5/86 AS
Underground Tanks installed 1948.

100-193/
Acc(c)-39

4) Tanks

Leaks none evident

Ruptures none evident

Corrosion: Check valves, piping controls for signs of corrosion _____

2' freeboard or containment _____

Heat/pressure _____

Evidence of spills none evident.

Inflow and outflow controls _____

Continuous Inflow: _____ Means to stop flow? _____

Special Requirements for I and R wastes _____

126-230/
Acc(c)-43

5) Surface Impoundments (Pits, Ponds and Lagoons)

Protective Cover or Dikes _____

2' freeboard _____

Special requirements for I and R waste _____

Evidence of fire, explosion - leak _____

Liner _____ N/A

Groundwater Monitoring _____

100-54/
Acc(c)-33

6) Waste Piles

Wind erosion control _____

Prevention of leachate from pile (if hazardous) _____

Special requirements for I and R waste _____

Evidence of fire, explosion, leak _____

Separation of incompatible wastes _____

Waste analysis _____

100-257/
Acc(c)-41

7) Incinerators/Thermal Treatment

a) Steady State conditions _____

b) Inspect combustion and emission control instruments every 15 minutes _____

c) Observe stack plume hourly _____

d) Waste analysis _____ N/A

100-48

7) Incinerators/Thermal Treatment (continued)

- 1) Heating value of waste _____
- 2) Organic halogen content _____
- 3) Sulfur content _____
- 4) Lead concentrations _____
- 5) Mercury concentrations _____

e) Evidence of leaks or spills (pumps, valves, conveyors and pipes) _____

f) Daily Inspection of Emergency shutdown controls and Alarm systems _____

g) Special Requirements for incompatible wastes _____

8) Phys/Chem/Bio. Treatment

a) Leaks _____

b) Ruptures _____

c) Corrosion _____

d) Waste cut-off _____ *N/A*

e) Waste analysis _____

f) Special Requirements for I and R waste _____

g) Special Requirements for incompatible wastes _____

9) Land Treatment

a) Approval document _____

*b) Run-on diversion _____

*c) Run-off collection; Treat if necessary _____

d) Waste Analysis _____ *N/A*

e) Presence of food chain crops, if so, refer to 265.276 _____

f) Unsaturated zone monitoring plan _____

g) Unsaturated zone waste analysis _____

h) Records of application date, rates, quantities and location of waste _____

i) Special requirements for I and R wastes _____

j) Special requirements for incompatible wastes _____

*k) Groundwater Monitoring _____

2 ?-
282/
lcc(c)-47

cc(c)-42

D- /
cc(c)-33

302-.315/
1 (c)-43

10) Secured Landfills

- *a) Run-on diversion _____
- *b) Run-off collection; Treat if necessary _____
- c) Wind dispersion controlled _____
- d) Records of all dimensions, locations, and contents _____
- e) Special Requirements for I and R wastes _____
- f) Special Requirements for Incompatible Wastes _____
- *g) Special Requirements for Liquids _____
- *h) Reduction in volume of empty containers _____
- *i) Groundwater Monitoring _____

N/A

0-.94/
c (c)-33

11) Engineered Landfills

- a) Minimum area exposed to direct precipitation: _____
- b) Run-on diversion: _____
- c) Run-off collections; Treat if necessary: _____
- d) Wind dispersion controlled: _____
- e) Prohibited Materials: present: _____
- f) Surveying and Recordkeeping: _____
- g) Groundwater Monitoring: _____

N/A

c)-33

R/
c)-48

12) Underground Injection

Prohibited, for hazardous waste, in Connecticut.

N/A

FINANCIAL REQUIREMENTS

•(TSD's ONLY)

N/A

13. FINANCIAL ASSURANCE:

(a) 265.143 a. Closure

Type of mechanism _____
(trust fund, surety bond, letter of credit,
insurance, financial test)

Amount of coverage \$ _____
(should be \geq cost estimate)

Comments:

265.145 b. Post-Closure

Type of mechanism _____

Amount of coverage \$ _____

Comments:

Liability Insurance:

265.147 a. Sudden (all TSD facilities)

Type of mechanism _____
(insurance, financial test)

Amount of coverage \$ _____

Comments:

b. Nonsudden (surface impoundments, landfills, and
land treatment facilities)

Type of mechanism _____

Amount of coverage \$ _____

Comments:

Incorporated by reference into the Connecticut regulations in section 25 of 25-54cc(c).
Federally owned facilities are exempt from financial requirements.

C. Requests for Information

NONE.

D. Photos Taken

NONE

E. Samples Taken (List sample numbers & describe technique,)

6989 → 6994

Level 5 protection.

Both Fuel oil tanks sampled with Bacon Bomb. Split samples offered and accepted by company. Each tank used separate Bomb. Decon After event with Axene, soap, water.

F. Potential for Imminent Hazards, Air, or Water Discharge Violations

None evident unless sample Analyses dictate otherwise.

G. Proximity to Residential Area, Surface Water, Recharge Zone, etc.

mixed urban/Industrial Area.

Hockanum RIVER runs beneath the site.

public Road A few meters From the Fuel Storage tanks.

Additional Notes, Maps, etc:

1986 Summary report is Attached -

DEPARTMENT OF ENVIRONMENT PROTECTION
HAZARDOUS WASTE MANAGEMENT SECTION

***** T S D F SUMMARY REPORT BY T S D F NAME *****
*** YEAR OF REPORT 1 9 8 6 ***

T S D F EPA_ID#	T S D F NAME	T S D F ADDRESS	EPA HAZARD WASTE# CLASS	MT/ VOL UNIT	HAND GENERATOR METH EPA_ID#	TRANSPORTER EPA_ID#
2 CTA0050411	09/30/86 WASTE, FLAMMABLE LIQUID, NOS		F005 FLAMMABLE	360 G	CT4170022020	NYD051809952
	WASTE CORROSIVE SOLID, NOS		D002 CORROSIVE	120 P	T21 CT1170084445	NYD051809952
2 CTA0050412	09/30/86 WASTE FLAMMABLE LIQUID, NOS		F005 FLAMMABLE	250 G	T50 CT1170084445	NYD051809952
	HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	103 G	T50 CT4170022020	NYD051809952
	WASTE CORROSIVE LIQUID, NOS		D002 CORROSIVE	14 G	TA CT4170022020	NYD051809952
	WASTE FLAMMABLE LIQUID, NOS		F005 FLAMMABLE	30 G	T50 CT4170022020	NYD051809952
2 CTA0050415	11/21/86 WASTE FLAMMABLE LIQUID, NOS		F005 FLAMMABLE	157 G	T50 CT4170022020	NYD051809952
	WASTE CORROSIVE LIQUID, NOS		D002 CORROSIVE	594 G	TA CT4170022020	NYD051809952
	HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	101 G	T50 CT4170022020	NYD051809952
T S D F TOTAL (TONS)				5.79		
T S D F TOTAL (GALLONS)				6,921.00		

CTD001139898	AMERBELLE CORPORATION	104 E MAIN ST, VERNON, CT	EPA HAZARD WASTE# CLASS	MT/ VOL UNIT	CTD072138969	CTD072138969
1 CTB0024735	04/07/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035446	04/07/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035447	04/07/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0024734	04/08/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0024733	04/10/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0024732	04/11/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035400	04/14/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035399	04/15/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035397	04/16/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035386	04/17/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035385	04/21/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035374	04/22/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035373	04/23/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035404	04/25/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035403	04/28/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035491	04/29/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORME	5000 G	CTD072138969	CTD072138969
1 CTB0035480	04/30/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035479	05/05/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	4350 G	CTD072138969	CTD072138969
1 CTB0035478	05/06/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035477	05/07/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035476	05/09/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035475	05/12/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035474	05/14/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035472	05/15/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035471	05/20/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	4500 G	CTD072138969	CTD072138969
1 CTB0035470	05/21/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035467	05/23/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	4300 G	CTD072138969	CTD072138969
1 CTB0035468	05/23/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035466	05/28/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969
1 CTB0035465	05/29/86 HAZARDOUS WASTE LIQUID, NOS		F002 ORM-E	5000 G	CTD072138969	CTD072138969

DEPARTMENT OF ENVIRONMENTAL PROTECTION
 HAZARDOUS WASTE MANAGEMENT SECTION
 TSD F SUMMARY REPORT BY TSD F NAME
 YEAR OF REPORT 1 9 8 6

DF EPA_ID#	TSDF NAME	TSDF ADDRESS	EPA HAZARD	MT/	HAND	GENERATOR	TRANSPORTER
MANIFEST	DATE	DOT SHIPPING NAME	WASTE# CLASS	VOL	UNIT	METH EPA_ID#	EPA_ID#
DOCUMENT#	SHIPPED						
TB0035464	05/30/86	HAZARDOUS WASTE LIQUID, NOS	F002 ORM-E	5000	G	CTD072138969	CTD072138969
TB0035453	06/03/86	HAZARDOUS WASTE LIQUID, NOS	F002 ORM-E	5000	G	CTD072138969	CTD072138969
TB0035452	06/04/86	HAZARDOUS WASTE LIQUID, NOS	F002 ORM-E	5000	G	CTD072138969	CTD072138969
TB0035555	06/05/86	HAZARDOUS WASTE LIQUID, NOS	F002 ORM-E	5000	G	CTD072138969	CTD072138969
TB0035641	06/09/86	HAZARDOUS WASTE LIQUID, NOS	F002 ORM-E	5000	G	CTD072138969	CTD072138969
TB0035619	06/13/86	HAZARDOUS WASTE LIQUID, NOS	F002 ORM-E	5000	G	CTD072138969	CTD072138969
TB0035617	06/16/86	HAZARDOUS WASTE LIQUID, NOS	F002 ORMEE	5000	G	CTD072138969	CTD072138969
TB0035613	06/17/86	HAZARDOUS WASTE LIQUID, NOS	F002 ORM-E	5000	G	CTD072138969	CTD072138969
TB0035612	06/18/86	HAZARDOUS WASTE LIQUID, NOS	F002 ORM-E	4500	G	CTD072138969	CTD072138969
TB0035101	07/31/86	HAZARDOUS WASTE LIQUID, NOS	F002 ORM-E	5000	G	CTD072138969	CTD072138969
TB0035111	08/01/86	HAZARDOUS WASTE LIQUID, NOS	F002 ORM-E	5000	G	CTD072138969	CTD072138969
TSDF TOTAL (TONS)						0.00	
TSDF TOTAL (GALLONS)						202,650.00	

DF EPA_ID#	TSDF NAME	TSDF ADDRESS	EPA HAZARD	MT/	HAND	GENERATOR	TRANSPORTER
D001184894	AMERICAN CHEMICAL & REFINING COMPANY	36 SHEFFIELD STREET, WATERBURY, CT					
LJA0029913	00/24/86	WASTE SILVER CYANIDE SOLUTION	D003 POISON B	12725	P	NJD070963202	CTD981069099
TA0033723	00/42/86	WASTE CYANIDE SOLUTION NOS	F007 POISON B	685	G	T04 MAD048974349	CTD981069099
TA0033727	00/42/86	WASTE SILVER CYANIDE	F008 POISON B	240	P	T04 MAD048974349	CTD981069099
TB0006926	00/47/86	WASTE CYANIDE SOLUTION NOS	F007 POISON B	990	P	T04 CTD089622500	CTD981069099
TA0033494	00/48/86	WASTE CORROSIVE LIQUID NOS	D002 CORROSIVE	715	G	T04 CTD001154558	CTD981069099
TA0033495	00/49/86	WASTE CYANIDE SOLUTION NOS	F009 POISON	110	G	T04 CTD001154558	CTD981069099
TB0008572	01/06/86	SPENT CYANIDE SOLUTION, NOS	F009 POISON B	20	G	T04 CTD013134861	CTD981069099
TA0033716	01/08/86	SPENT CYANIDE SOLUTION, NOS	F007 POISON B	805	G	T04 MAD048974349	CTD981069099
TA0033717	01/09/86	SPENT AMMONIUM HYDROXIDE LIQUID	D002 CORROSIVE	718	G	T04 MAD048974349	CTD981069099
TA0003456	01/13/86	SPENT CYANIDE MIXTER DRY, POISON B	D003 POISON B	17	P	T04 CTD089622500	CTD981069099
		SPENT CYANIDE SOLUTION, NOS	F007 POISON B	2640	P		CTD089622500
TA0078348	01/13/86	SPENT CYANIDE SOLUTION, NOS	F007 POISON-B	30	G	T04 NJP000018500	CTD981069099
TB0018497	01/13/86	SPENT CYANIDE SOLUTION NOS	F007 POISON B	220	G		CTD074915273
TA0073871	01/17/86	SPENT SILVER CYANIDE	F007 POISON B	550	G	T04 CTD001168558	CTD981069099
TB0006849	01/17/86	SPENT CYANIDE SOLUTIONS	F007 POISON B	110	G		MAD990893604
TB0009124	01/20/86	SPENT ACID LIQUID NOS (SILVER SOLUTION)	D002 CORROSIVE	105	G	T04 CTD057794984	CTD981069099
TA0003457	01/21/86	SPENT CYANIDE MIXTURE DRY	D003 POISON B	73	P	T04 CTD089622500	CTD981069099
TA0005612	01/23/86	WASTE SULFURIC ACID SOLUTION	D002 CORROSIVE	62	G		MAD001011071
		CORROSIVE LIQUID NOS	D002 CORROSIVE	182	G		MAD001011071
TA0015698	01/23/86	SPENT CYANIDE SOL NOS (POTASSIUM CYANIDE	F007 POISON B	537	P	T04 CTD001454008	CTD981069099
		SPENT CYANIDE SOL NOS (POTASSIUM CYANIDE	F009 POISON B	2845	P	T04 CTD001454008	CTD981069099
TB0011297	01/23/86	HAZARDOUS WASTE LIQUID NOS	F007 ORM-E	3513	P	T04 CTD018656819	CTD981069099
TA0003488	01/24/86	SPENT CYANIDE SOLUTION NOS	F007 POISON B	990	P		CTD089622500
TA0003886	01/24/86	SPENT CYANIDE SOLUTION NOS	F007 POISON B	150	G		CTD002334258
		SPENT CYANIDE SOLUTION NOS	F007 POISON B	30	G		CTD002334258
TA0073984	01/24/86	SPENT CYANIDE SOLUTION NOS	F007 POISON B	150	G	T04 NJD002161750	CTD981069099
TA0033719	01/28/86	SPENT AMMONIUM HYDROXIDE LIQUID NOS	D002 CORROSIVE	882	G	T04 MAD048974349	CTD981069099
TB0021902	01/30/86	SPENT NITRIC ACID, 40% OR LESS	D002 CORROSIVE	165	G		CTD001450154



1. The first part of the document discusses the importance of maintaining accurate records. It emphasizes that proper record-keeping is essential for ensuring the integrity and reliability of the data collected. This section also outlines the various methods used to collect and analyze the data, highlighting the challenges faced during the process.

2. The second part of the document focuses on the results of the study. It presents a detailed analysis of the data, showing the trends and patterns observed. The findings indicate that there is a significant correlation between the variables studied, which supports the hypothesis of the research. This section also includes a discussion of the limitations of the study and suggestions for future research.

3. The final part of the document provides a conclusion and a summary of the key findings. It reiterates the importance of the research and the implications of the results. The document concludes by expressing the authors' gratitude to the funding agencies and the participants who made the study possible.

4. The following table provides a summary of the data collected during the study. The table shows the mean values and standard deviations for each variable, as well as the results of the statistical tests performed. The data indicates that there is a significant difference between the groups, which is consistent with the findings of the study.

Variable	Mean	Standard Deviation	Significance Level
Variable 1	12.5	3.2	0.001
Variable 2	8.7	2.1	0.05
Variable 3	15.3	4.5	0.01

5. The results of the study have important implications for the field of research. They provide valuable insights into the relationship between the variables and can be used to inform future research and practice. The findings also highlight the need for further research to explore the underlying mechanisms of the observed effects.

6. In conclusion, the study has successfully demonstrated the importance of accurate record-keeping and the need for rigorous data analysis. The findings provide a solid foundation for future research and have the potential to advance our understanding of the phenomena being studied.



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



September 22, 1986

Mr. Mat N. Schwedel
President
The Amerbelle Corporation
104 East Main Street
Rockville, CT 06066

Dear Mr. Schwedel:

On July 31, 1986, an inspection was conducted by the Hazardous Waste Management Unit at your facility located at 104 East Main Street in Rockville.

An Abatement Order will be forthcoming that will require corrective action. The Abatement Order will define the specific steps necessary to bring your company into compliance with the Hazardous Waste Management Regulations. While you may wish to initiate corrective action at this time, I must advise you that prior approval from the Department should be received.

Enclosed for your review is a copy of the July 31, 1986 inspection report and a copy of the Connecticut Hazardous Waste Management Regulations.

If you have any questions, please contact Mr. Joseph Faryniarz at 566-8843/8844.

Sincerely,

Edward C. Parker
Assistant Director
Hazardous Waste Management Section

ECP:JAF:kal

Enclosures

Phone:

165 Capitol Avenue • Hartford, Connecticut 06106

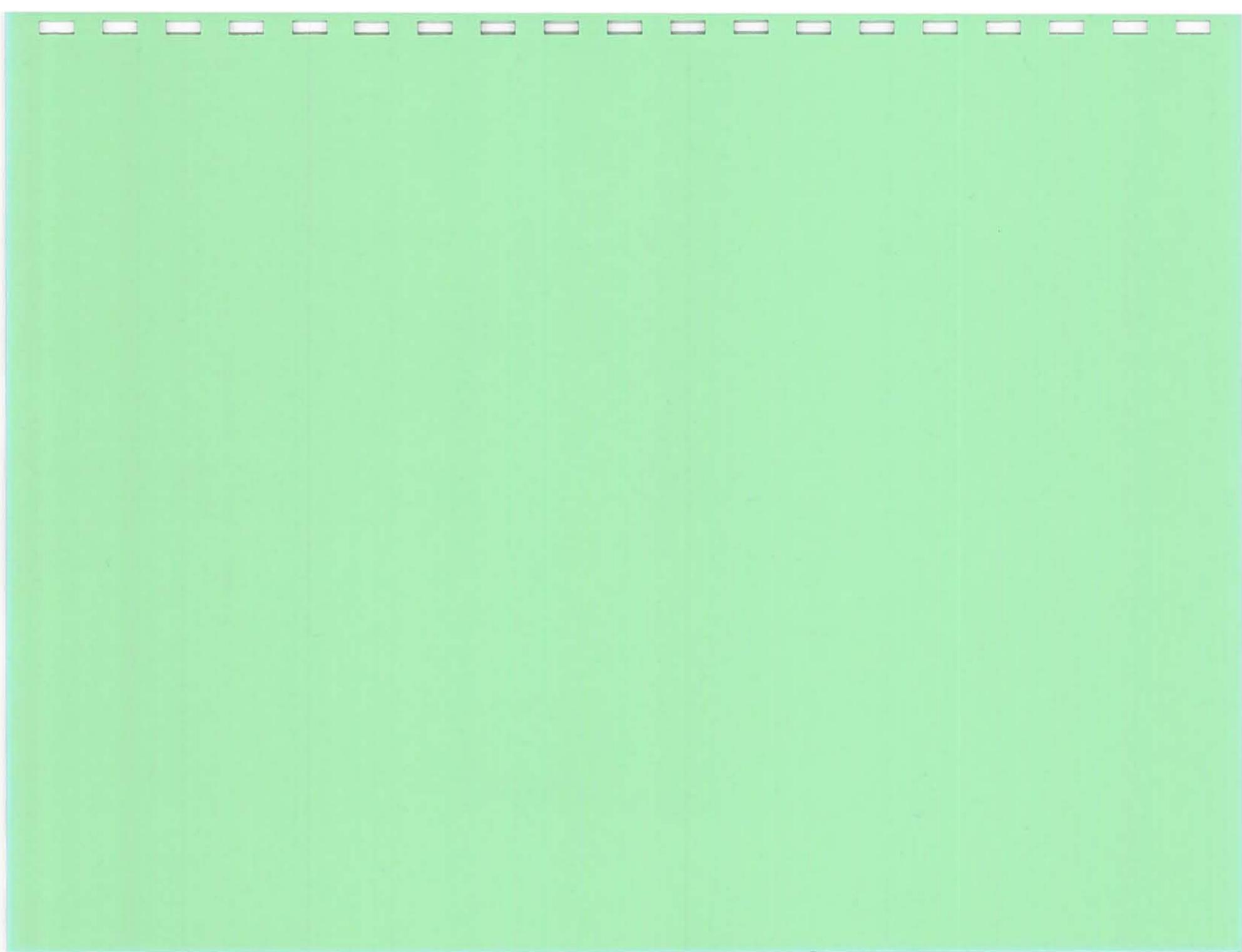
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APPENDIX 3
-Water Discharge Permits & Notices of Violation



c: Alan Schwedel
Irving Horowitz

Water



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



NPDES PERMIT MODIFICATION

The Amerbelle Corp.
104 East Main Street
P.O. Box 150
Rockville, CT 06066

Re: DEP/WPC-146-003
Town of Vernon
Hockanum River Watershed

Attention: Mr. Alan Schwedel, President

This permit modification is issued in accordance with Section 22a-430 of Chapter 446k, Connecticut General Statutes, and regulation adopted thereunder, as amended pursuant to an approval dated September 26, 1973, by the Administrator of the United States Environmental Protection Agency for the State of Connecticut to administer a N.P.D.E.S. permit program.

Your application for permit modification submitted by Environmental Risk Limited, on behalf of The Amerbelle Corporation, on July 17, 1996 has been reviewed by the Connecticut Department of Environmental Protection.

The Commissioner of Environmental Protection (hereinafter "the Commissioner") has found that the discharges will not cause pollution of the waters of the state when all conditions of this permit have been met.

The Commissioner, acting under Section 22a-430, hereby permits Amerbelle Corp., to discharge non-contact cooling water and sand filter backwash water in accordance with the following conditions:

- 1) The wastewater shall be collected and discharged in accordance with the above referenced application, application number 88-205 and all approvals issued by the Commissioner or his authorized agent for the discharges and/or activities authorized by or associated with this permit.
- 2) The discharges shall not exceed and shall otherwise conform to specific terms and conditions listed below. The discharges shall be monitored and results reported to the Water Management Bureau (Attn: DMR Processing) by the end of the month after the month in which samples are taken according to the following schedule:

A. Discharge Serial No. 001-1
Monitoring Location: 1
Description: Sand filter backwash (secondary only) Code 1060000
Receiving Stream: Hockanum River (Basin Code 4500)
Present/Future Water Quality Standard: B_c/B_c
Average Daily Flow: 80,000 gallons per day
Maximum Daily Flow: 100,000 gallons per day

- (1) The pH of the discharge shall not be less than 6.0 or greater than 9.0 (Code 609-012) at any time.



UNITED STATES OF AMERICA
DEPARTMENT OF COMMERCE
BUREAU OF ECONOMIC ANALYSIS



[The following text is extremely faint and illegible, appearing to be a memorandum or report.]

- (2) The discharge shall not contain or cause in the receiving stream a visible oil sheen or floating solids.
- (3) The discharge shall not cause visible discoloration or foaming in the receiving waters beyond any zone of influence as provided in the "Connecticut Water Quality Standards & Criteria" as amended.
- (4) The temperature of the discharge shall not increase the temperature of the receiving stream above 85°F or raise the normal temperature of the receiving stream more than 4°F beyond any zone of influence as provided in the "Connecticut Water Quality Standards & Criteria" as amended.
- (5) The maximum daily concentration specified shall not be exceeded by more than a factor of 1.5, at any time, as measured by a grab sample.
- (6) Only the secondary backwash portion of the total backwash as described in the permit application of August 24, 1989 (as amended on October 4, 1991), which meets the limits indicated below, may be discharged to the Hockanum River.

Parameter	Unit Code	Average Monthly Limits	Maximum Daily Limits	Minimum Frequency of Sampling	Sample Type
pH	S.U.	See paragraph 2)A.(1)		Weekly	Range During Composite
Total Suspended Solids	mg/l	-----	30.0 mg/l	Weekly	Daily Composite

- (a) The permittee shall maintain at the facility a record of the total flow for each day of discharge and shall report on the discharge monitoring report the total backwash flow (Code 626-007) and the number of hours of discharge (Code 629-079) for the day of sample collection and the average daily flow for each sampling month.
- (b) The permittee shall also record the total flow that has been discharged to the sewer and the total flow which has been discharged to the Hockanum River on each day of sample collection.
- (c) The report shall include a detailed explanation of any violations of the limitations specified above.
- (d) On each day of sand filter backwash sampling, the permittee shall collect a grab sample of backwash from every sand filter backwashed immediately after switching the discharge to the river and composite and analyze them as the daily composite sample.



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B. Monitoring Location No: G
Description: Hockanum River Intake Water

Parameter	Unit Code	Average Monthly Limits	Maximum Daily Limits	Minimum Frequency of Sampling	Sample Type
Aquatic Toxicity Acute	pass/fail	See paragraph 5)		Quarterly	Grab
Aquatic Toxicity Chronic	pass/fail	See paragraph 5)		Quarterly	Grab
Copper, Total	mg/l	NO NET INCREASE	SEE PARA. 3) & 4) BELOW	Quarterly	Grab
Lead, Total	mg/l	NO NET INCREASE	SEE PARA. 3) & 4) BELOW	Quarterly	Grab
Nickel, Total	mg/l	NO NET INCREASE	SEE PARA. 3) & 4) BELOW	Quarterly	Grab
Zinc, Total	mg/l	NO NET INCREASE	SEE PARA. 3) & 4) BELOW	Quarterly	Grab
Aluminum, Total	mg/l	NO NET INCREASE	SEE PARA. 3) & 4) BELOW	Quarterly	Grab
Total Oil & Grease	mg/l	NO NET INCREASE	SEE PARA. 3) & 4) BELOW	Quarterly	Grab
Ammonia	mg/l	NO NET INCREASE	SEE PARA. 3) & 4) BELOW	Quarterly	Grab
Total Dissolved Solids	mg/l	---	---	Quarterly	Grab
Total Suspended Solids	mg/l	---	---	Quarterly	Grab
Surfactants, Anionic	mg/l	---	---	Quarterly	Grab
Total Residual Chlorine	mg/l	---	---	Quarterly	Grab
pH	S.U.	--	--	Quarterly	Grab

C. Discharge Serial No. 002-1
Monitoring Location: 1
Description: Non-contact cooling water Code 102000C
Receiving Stream: Hockanum River (Basin Code 4500)
Present/Future Water Quality Standard: B/B^c
Average Daily Flow: 475,000 gallons per day^c
Maximum Daily Flow: 625,000 gallons per day
Maximum Temperature - 85^oF

- (1) The pH of the discharge shall not be less than 6.0 or greater than 9.0 (Code 609-012) at any time.
- (2) The discharge shall not contain or cause in the receiving stream a visible oil sheen or floating solids.
- (3) The discharge shall not cause visible discoloration or foaming in the receiving waters beyond any zone of influence as provided in the "Connecticut Water Quality Standards & Criteria" as amended.



The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This not only helps in tracking expenses but also ensures compliance with tax regulations.

In the second section, the author outlines the various methods used for data collection and analysis. These include surveys, interviews, and focus groups. Each method has its own strengths and weaknesses, and the choice of method depends on the specific research objectives and the nature of the data being collected.

The third section provides a detailed overview of the statistical tools used in the study. It covers both descriptive statistics, which summarize the data, and inferential statistics, which allow for the drawing of conclusions about a population based on a sample. The author explains how these tools were applied to the data collected during the study.

Finally, the document concludes with a summary of the findings and their implications. It highlights the key results of the study and discusses how they can be used to inform decision-making and improve organizational performance. The author also suggests areas for further research and provides recommendations for future studies.

- (4) The temperature of the discharge shall not increase the temperature of the receiving stream above 85°F or raise the normal temperature of the receiving stream more than 4°F beyond any zone of influence as provided in the "Connecticut Water Quality Standards & Criteria" as amended.

Parameter	Unit Code	Average Monthly Limits	Maximum Daily Limits	Minimum Frequency of Sampling	Sample Type
Aquatic Toxicity Acute	pass/fail	SEE PARAGRAPH 5)		Quarterly	Grab
Aquatic Toxicity Chronic	pass/fail	SEE PARAGRAPH 5)		Quarterly	Grab
Copper, Total	mg/l	NO NET INCREASE SEE PARA. 3) & 4) BELOW		Quarterly	Grab
Lead, Total	mg/l	NO NET INCREASE SEE PARA. 3) & 4) BELOW		Quarterly	Grab
Nickel, Total	mg/l	NO NET INCREASE SEE PARA. 3) & 4) BELOW		Quarterly	Grab
Zinc, Total	mg/l	NO NET INCREASE SEE PARA. 3) & 4) BELOW		Quarterly	Grab
Aluminum, Total	mg/l	NO NET INCREASE SEE PARA. 3) & 4) BELOW		Quarterly	Grab
Total Oil & Grease	mg/l	NO NET INCREASE SEE PARA. 3) & 4) BELOW		Quarterly	Grab
Ammonia	mg/l	NO NET INCREASE SEE PARA. 3) & 4) BELOW		Quarterly	Grab
Total Dissolved Solids	mg/l	---	---	Quarterly	Grab
Total Suspended Solids	mg/l	---	---	Quarterly	Grab
Surfactants, Anionic	mg/l	---	---	Quarterly	Grab
Total Residual Chlorine	mg/l	---	---	Quarterly	Grab
pH	S.U.	SEE PARAGRAPH 2)C.(1)		Quarterly	Grab

- (a) The permittee shall maintain at the facility a record of the total flow for each day of discharge and shall report on the discharge monitoring report the total flow (Code 626-007) and the number of hours of discharge (Code 629-079) for the day of sample collection and the average daily flow for each sampling month.

- (b) The report shall include a detailed explanation of any violations of the limitations specified above.

- 3) Compliance with the effluent limitations for copper, lead, nickel, zinc, ammonia, total oil and grease and aluminum for Discharge Serial No. 002 (DSN 002) established in paragraph 2)C.(4) shall be achieved when the conditions in paragraphs 3)A., 3)B., and 3)C. below are met.

- A. On or before October 20, 1997 and annually thereafter provided that such annual study shall not be conducted within 10 months of the previous study of DSN 002 conducted to demonstrate compliance with the "NO NET INCREASE" limitations in this permit, Amerbelle shall perform a complete piping survey and examination of the non-contact cooling water system (DSN 002) to determine compliance with the conditions set forth in paragraph 3)B. below and shall submit for the review and approval of the Commissioner a report describing the results of this evaluation. This report shall also describe any and all remedial actions that have been initiated to decrease the level of copper in DSN 002 and completed since submittal of the previous report.
- B. The discharge shall conform to the following conditions:
- i) The discharge from DSN 002 shall be comprised solely of non-contact cooling water and that the only source of the cooling water shall be the Hockanum River.
 - ii) No chemicals of any type shall be added to the discharge.
 - iii) The discharge system shall be completely segregated from any possible contaminant sources. Any sources of potential contamination or connections to any water streams other than non-contact cooling water which are inconsistent with paragraph 3)B. immediately above are prohibited.
- C. On or before 30 days after each annual survey and examination, Amerbelle shall certify to the Commissioner in writing that DSN 002 conforms to the requirements stated in paragraph 3)B. above. In the event that DSN 002 does not conform to the requirements stated in paragraph 3)B. above at any time, Amerbelle shall, on or before 60 days after failing to comply with these requirements submit for the review and approval of the Commissioner a schedule to identify the actions needed to bring the discharge into compliance with the above requirements. The schedule shall identify the dates by which all necessary remedial actions shall be completed, provided all such actions shall be completed no later than three hundred (300) days after the date of submission of any report identifying failure to comply with paragraph 3)B..
- D. On or before November 19, 1994, Amerbelle shall perform a study of the chemical composition of DSN 002 and shall submit for the review and approval of the Commissioner a report which sets forth in detail the results of chemical analyses and associated statistical evaluations on DSN 002 and Hockanum River Intake. The study shall include:
- i) The results of chemical analyses of paired samples collected at DSN 002 and Hockanum River Intake. Grab samples shall be collected at these locations on the same day and over the same time period. Each sample shall be analyzed for total copper, total lead, total nickel, total zinc, total aluminum, total residual chlorine, ammonia, total dissolved solids, total suspended solids, anionic surfactants, pH and total oil and

grease. Analyses shall be performed consistent with the minimum levels requirements stated in paragraph 4) of this permit.

- ii) The paired chemical results shall be statistically analyzed, one parameter at a time, using the non-parametric Wilcoxon Signed Ranks Test at a 95% confidence level. A finding of no significant statistical increase between intake and effluent for each parameter shall constitute compliance with the chemical analysis requirements for demonstrating compliance with the "NO NET INCREASE" limitation for this discharge.
 - iii) If the statistical evaluations demonstrate a statistically significant difference between paired samples for one or more pollutant parameters, on or before January 18, 1995 Amerbelle shall submit to the Commissioner for review and approval a schedule to identify best management practices and/or system modifications necessary to achieve compliance with the chemical constituent requirements of the no net increase limitation provided that the schedule identify the dates by which all necessary remedial actions shall be completed.
- 4) A. Chemical analyses to determine compliance with effluent limits and conditions established in this permit shall be performed using the methods approved pursuant to the Code of Federal Regulations, Part 136 of title 40 (40 CFR 136) unless an alternative method has been approved in writing pursuant to 40 CFR 136.4 or as provided in section 22a-430-3(j)(7) of the RCSA. Chemicals which do not have methods of analysis defined in 40 CFR 136 shall be analyzed in accordance with methods specified in this permit.
- B. All metals analyses identified in this permit shall refer to analyses for Total Recoverable Metal as defined in 40 CFR 136 unless otherwise specified.
- C. The Minimum Levels specified below represent the concentrations at which quantification must be achieved and verified during the chemical analyses for the parameters identified in Paragraphs 2) B. and C.. Analyses for these parameters must include check standards within ten percent of the specified Minimum Level or calibration points equal to or less than the specified Minimum Level.

<u>Parameter</u>	<u>Minimum Level</u>
Aluminum	20.0 ug/L
Chlorine, total residual	40.0 ug/L
Copper	5.0 ug/L
Lead	5.0 ug/L
Nickel	5.0 ug/L
Zinc	10.0 ug/L

- D. The value of each parameter for which monitoring is required under this permit shall be reported to the maximum level of accuracy and precision possible consistent with the requirements of this section of the permit.

- E. Effluent analyses for which quantification was verified during the analysis at or below the minimum levels specified in this section and which indicate that a parameter was not detected shall be reported as "less than x" where 'x' is the numerical value equivalent to the analytical method detection limit for that analysis.
- F. Results of effluent analyses which indicate that a parameter was not present at a concentration greater than or equal to the Minimum Level specified for that analysis shall be considered equivalent to zero (0.0) for purposes of determining compliance with effluent limitations or conditions specified in this permit.
- 5) A grab sample of DSN 002 shall not exhibit acute or chronic toxicity in the receiving waterbody.
- A. Compliance with this permit condition shall be achieved when the average percent mortality calculated for the effluent is less than or within 10% of the average percent mortality calculated for the Hockanum River Intake samples.
- B. Monitoring to determine compliance with this limit shall be performed quarterly.
- (1) Test organisms to be used: Neonatal Daphnia pulex (less than 24 hours old) and P. promelas (1-14 days old with no more than 24-hours range in age).
 - (2) Dilution water: synthetic freshwater prepared as described in EPA 600/4-85/013 and adjusted to a hardness of 50 mg/l as CaCO₃.
 - (3) Test duration shall be 48 hours for Daphnia pulex and 48 hours for P. promelas.
 - (4) i. A minimum of five (5) replicated test chambers of 100% effluent and five (5) replicated test chambers of 100% Hockanum River Intake water shall be employed in the test.
ii. A minimum of three (3) replicate control test chambers containing dilution water only shall be employed in the test.
- C. If any test result indicates that the limit set forth in paragraph 5)A. for the effluent has been exceeded, a second sample of the effluent shall be collected and tested as described above and the results reported to the Commissioner within 30 days of the receipt of the first set of test results.
- D. If any two consecutive test results or any three test results in a single year indicate that the limit set forth in paragraph 5)A. has been exceeded, the permittee shall immediately take all reasonable steps to eliminate toxicity wherever possible and shall submit a report for the review and approval of the Commissioner in accordance with Section 22a-430-(j)(10)(c) of the Regulations of Connecticut State Agencies describing proposed steps to eliminate the toxic impact

of the discharge on the receiving waterbody. Such a report shall include a proposed time schedule to accomplish toxicity reduction.

- 6) A. The permittee shall perform the approved actions in accordance with the approved schedule. Within fifteen days after completing such actions, the permittee shall certify to the Commissioner in writing that the actions have been completed as approved.
- B. The permittee shall use best efforts to submit to the Commissioner all documents required by this permit in a complete and approvable form. If the Commissioner notified the permittee that any document or other action is deficient, and does not approve it with conditions or modifications, it is deemed disapproved, and the permittee shall correct the deficiencies and resubmit it within the time specified by the Commissioner or, if no time is specified by the Commissioner, within sixty days of the Commissioner's notice of deficiencies. In approving any document or other action under this permit, the Commissioner may approve the document or other action as submitted or performed or with such conditions or modifications as the Commissioner deems necessary to carry out the purposes of this permit. Nothing in this paragraph shall excuse noncompliance or delay.
- C. Dates. The date of submission to the Commissioner of any document required by this permit shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this permit, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three days after it is postmarked by the Commissioner, whichever is earlier. Except as otherwise specified in this permit, the word "day" as used in this permit means calendar day. Any document or action which is required by this permit to be submitted or performed by a date which falls on a Saturday, Sunday or a Connecticut or federal holiday shall be submitted or performed on or before the next day which is not a Saturday, Sunday, or Connecticut or federal holiday.
- D. Notification of noncompliance. In the event that the permittee becomes aware that it did not or may not comply, or did not or may not comply on time, with any requirement of this permit or of any document required hereunder, the permittee shall immediately notify the Commissioner and shall take all reasonable steps to ensure that any noncompliance or delay is avoided or, if unavoidable, is minimized to the greatest extent possible. In so notifying the Commissioner, the permittee shall state in writing the reasons for the noncompliance or delay and propose, for the review and written approval of the Commissioner, dates by which compliance will be achieved, and the permittee shall comply with any dates which may be approved in writing by the Commissioner. Notification by the permittee shall not excuse noncompliance or delay, and the Commissioner's approval of any compliance dates proposed shall not excuse noncompliance or delay unless specifically so stated by the Commissioner in writing.

- E. Noncompliance. Failure to comply with this permit may subject the permittee to an injunction and penalties under Chapters 439, and 445 or 446k of the Connecticut General Statutes.
- F. False statements. Any false statement in any information submitted pursuant to this permit may be punishable as a criminal offense under Section 22a-438 or 22a-131a of the Connecticut General Statutes or, in accordance with Section 22a-6, under Section 53a-157 of the Connecticut General Statutes.
- G. Permittee's obligations under law. Nothing in this permit shall relieve the permittee of other obligations under applicable federal, state and local law.
- H. Notice to Commissioner of changes. Within fifteen days of the date the permittee becomes aware of a change in any information submitted to the Commissioner under this permit, or that any such information was inaccurate or misleading or that any relevant information was omitted, the permittee shall submit the correct or omitted information to the Commissioner.
- I. Submission of documents. Any document, other than a discharge monitoring report, required to be submitted to the Commissioner under this permit shall, unless otherwise specified in writing by the Commissioner, be directed to:

Mr. Kenneth W. Major
 Department of Environmental Protection
 Water Management Bureau
 Permitting, Enforcement & Remediation Division
 79 Elm Street, P.O. Box 5066
 Hartford, Connecticut 06106-5066

This permit shall be considered as the permit required by Section 402 of the Federal Water Pollution Control Act and Section 22a-430 of the Connecticut General Statutes and shall expire on MAY 23, 1999.

This permit shall be subject to the following sections of the Regulations of Connecticut State Agencies which are hereby incorporated into this permit:

Section 22a-430-3 General Conditions

- (a) Definitions
- (b) General
- (c) Inspection and Entry
- (d) Effect of a Permit
- (e) Duty
- (f) Proper Operation and Maintenance
- (g) Sludge Disposal
- (h) Duty to Mitigate
- (i) Facility Modifications; Notification
- (j) Monitoring, Records and Reporting Requirements
- (k) Bypass
- (l) Conditions Applicable to POTWs

- (m) Effluent Limitation Violations (Upsets)
- (n) Enforcement
- (o) Resource Conservation
- (p) Spill Prevention and Control
- (q) Instrumentation, Alarms, Flow Recorders
- (r) Equalization

22a-430-4 Procedures and Criteria

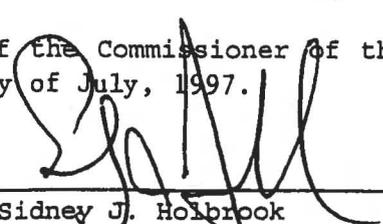
- (a) Duty to Apply
- (b) Duty to Reapply
- (c) Application Requirements
- (d) Preliminary Review
- (e) Tentative Determination
- (f) Draft Permits, Fact Sheets
- (g) Public Notice, Notice of Hearing
- (h) Public Comments
- (i) Final Determination
- (j) Public Hearings
- (k) Submission of Plans and Specifications. Approval.
- (l) Establishing Effluent Limitations and Conditions
- (m) Case by Case Determinations
- (n) Permit issuance or renewal
- (o) Permit Transfer
- (p) Permit revocation, denial or modification
- (q) Variances
- (r) Secondary Treatment Requirements
- (s) Treatment Requirements for Metals and Cyanide
- (t) Discharges to POTWS - Prohibitions

Your attention is especially drawn to the notification requirements of subsection (i)(2), (i)(3), (j)(6), (j)(9)(C), (j)(11)(C), (D), (E), and (F), (k)(3) and (4) and (l)(2) of Section 22a-430-3.

This Permit requires the payment of an annual fee as set forth in Section 22a-430-7 of the Regulations of Connecticut State Agencies.

The Commissioner reserves the right to make appropriate revisions to the permit in order to establish any appropriate effluent limitations, schedules of compliance, or other provisions which may be authorized under the Clean Water Act or the Connecticut General Statutes or regulations adopted thereunder, as amended. The permit as modified or renewed under this paragraph may also contain any other requirements of the Clean Water Act or Connecticut General Statutes or regulations adopted thereunder which are then applicable.

Entered as a Permit Modification of the Commissioner of the Department of Environmental Protection on the 10th day of July, 1997.



 Sidney J. Holbrook
 Commissioner

APPLICATION NO. 96-2328
 PERMIT NO. CT0020940

I CERTIFY THAT THIS DOCUMENT
 IS A TRUE COPY OF THE ORIGINAL.

Pamela D. Burrey
 NAME

Processing Technician
 TITLE

DEPARTMENT OF ENVIRONMENTAL
 PROTECTION, BUREAU OF WATER
 MANAGEMENT

c: Alan Schwedel
Irving Horowitz

Wate



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

PERMIT MODIFICATION

POTW

The Amerbelle Corporation
104 East Main Street
Rockville, Conn. 06066

Re: DEP/WPC 146-003
Town of Vernon
Hockanum River Watershed

Attention: Mr. Alan Schwedel, President

This permit modification is issued in accordance with Section 22a-430 of Chapter 446k, Connecticut General Statutes ("CGS"), and Regulations of Connecticut State Agencies ("RCSA") adopted thereunder, as amended, and a modified Memorandum of Agreement ("MOA") dated June 3, 1981, by the Administrator of the United States Environmental Protection Agency which authorizes the State of Connecticut to administer a Pretreatment Program pursuant to 40 CFR Part 403.

Your application and addenda for permit modification submitted by the Amerbelle Corporation and Environmental Risk Limited, on behalf of the Amerbelle Corporation, on October 10, 1996, December 30, 1996, February 19 and 21, 1997 and April 14, 1997 have been reviewed by the Connecticut Department of Environmental Protection.

The Commissioner of Environmental Protection ("Commissioner") has made a final determination and found that modification of the existing system or installation of a new system will protect the waters of the state from pollution.

The Commissioner, acting under Section 22a-430 hereby permits The Amerbelle Corporation to discharge textile manufacturing, air-compressor condensate, steam condensate, mix-tank wash, building eight (8) floor wash, laboratory, boiler blowdown, heat exchanger wash, filter backwash and treated scrubber wastewaters in accordance with the following conditions:

- 1) The wastewater shall be collected, pretreated and/or discharged in accordance with the above referenced application for modification, application number 87-300 and all approvals issued by the Commissioner or his agent for the discharges and/or activities authorized by or associated with this permit.
- 2) The discharges shall not exceed and shall otherwise conform to specific terms and conditions listed below. The discharges shall be monitored and results reported to the Water Management Bureau (Attn: DMR Processing) and the Vernon Water Pollution Control Authority by the end of the month after the month in which samples are taken according to the following schedule:

CURRENT

A. Discharge Serial No. 001-1 (East Street)

Monitoring Location: 1

Description: Air-compressor condensate, Steam condensate, Mix-tank Wash, Building Eight (8) Floor wash, Laboratory, Boiler Blowdown, Heat Exchanger Wash, Pretreated Scrubber, Filter Backwash, and textile finishing Wastewaters (Code 5190000) [Sanitary wastewater is also included in this discharge]

Discharge Location: Town of Vernon Sanitary Sewer System
(DEP/WPC No. 146-001)

Average Daily Flow: 170,000 gallons per day

Maximum Daily Flow: 350,000 gallons per day

- (1) The pH of the discharge shall not be less than 5.0 or greater than 11.0 (Code 609-012) at any time.
- (2) The concentration of the following pollutants in any grab sample shall at all times be less than or equal to 1.5 times the maximum daily concentration noted below.
- (3) The permittee shall record each day that heat exchanger wash wastewater is discharged and maintain these records on-site.

Parameter	Average Monthly Limits	Maximum Daily Limits	Minimum Frequency of Sampling	Sample Type
Biochemical Oxygen Demand (5-day)	187.4 kg/d	650.0 mg/l	Twice per Month	Daily Composite
Chemical Oxygen Demand	624 kg/d	2100 mg/l	Twice per Month	Daily Composite
Total Oil and Grease	41.6 kg/d	115.0 mg/l	Monthly	Grab Sample Average
Ammonia as N	5.0 mg/l	10.0 mg/l	Quarterly*	Daily Composite
Total Suspended Solids	41.6 kg/d	150.0 mg/l	Twice per Month	Daily Composite
Copper-Total	1.0 kg/d	3.0 mg/l	Twice per Month	Daily Composite
Lead-Total	0.1 kg/d	0.5 mg/l	Twice per Month	Daily Composite
Nickel-Total	1.0 mg/l	2.0 mg/l	Quarterly*	Daily Composite
Zinc-Total	0.63 kg/d	2.5 mg/l	Twice per Month	Daily Composite
pH	See paragraph 2)A. (1)		Twice per Month	Range During Composite

* See paragraph 2)A. (3) (c)

- (a) The permittee shall maintain at the facility a record of the total flow for each day of discharge and shall report on the discharge monitoring report the total flow (Code 626-007) and number of hours of discharge (Code 629-079) for the day of sample collection and the average daily flow for each sampling month.
- (b) Compliance with the average monthly mass limits provided in paragraph 2)A. (3) shall be achieved when the arithmetic

average calculated from all daily mass-loadings per pollutant for each sampling month, is less than or equal to the respective average monthly mass limit provided above.

(c) The permittee shall perform "Quarterly" monitoring in March, June, September and December.

(d) The report shall include a detailed explanation of any violations of the limitations specified above.

B. Discharge Serial No. 001-A
Monitoring Location: 1

CURRENT - No used at this time (2003-2004)

Description: Treated Scrubber Wastewaters
(Code 518000b)

Discharge Location :Town of Vernon Sanitary Sewer System
(DEP/WPC No. 146-001)

Average Daily Flow: 29,000 gallons per day

Maximum Daily Flow: 36,000 gallons per day

(1) The pH of the discharge shall not be less than 6.0 or greater than 10.0 (Code 609-012) at any time.

(2) The concentration of the following pollutants in any grab sample shall at all times be less than or equal to 1.5 times the maximum daily concentration noted below.

<u>Parameter</u>	<u>Average Monthly Limits</u>	<u>Maximum Daily Limits</u>	<u>Minimum Frequency of Sampling</u>	<u>Sample Type</u>
Copper-Total	1.0 mg/l	2.0 mg/l	Monthly	Daily Composite
Lead-Total	0.1 mg/l	0.5 mg/l	Monthly	Daily Composite
Nickel-Total	1.0 mg/l	2.0 mg/l	Monthly	Daily Composite
Zinc-Total	1.0 mg/l	2.0 mg/l	Monthly	Daily Composite
Total Suspended Solids	-----	150.0 mg/l	Monthly	Daily Composite
pH	See paragraph 2)B. (1)		Continuous	Instantaneous *

* See paragraph 2)B. (2) (b)

(a) The permittee shall maintain at the facility a record of the total flow for each day of discharge and shall report on the discharge monitoring report the total flow (Code 626-007) and number of hours of discharge (Code 629-079) for the day of sample collection and the average daily flow for each sampling month.

(b) The permittee shall report pH values, specifically maximum and minimum, for each day of composite sample collection and for each month. The pH range for each month is defined as the highest and lowest single pH reading during all operating days of the month including the periods when sampling is not performed.

- (c) The report shall include a detailed explanation of any violations of the limitations specified above.

DURING THE PERIOD BEGINNING FROM THE DATE OF PERMIT MODIFICATION ISSUANCE AND LASTING UNTIL THE COMPLETION OF CONSTRUCTION OF A PRETREATMENT SYSTEM IN ACCORDANCE WITH PARAGRAPH 4, BUT NO LATER THAN SEPTEMBER 30, 1998, THE PERMITTEE SHALL COMPLY WITH PARAGRAPHS 2)C. and 2)D..

C. Discharge Serial No. 002-1 (Cedar Street)

Monitoring Location: 1

Description: Textile Dyeing and Finishing Wastewater, Heat Exchanger Wash Water (Code 501062Z); [Non-contact cooling waters from the dyehouse and matching room air conditioner units, hydraulic cub frame, hydraulic system winder, #1 calender and ten (10) morton pump bearings, which are covered under a general permit, are also included in this discharge]

Discharge Location: Town of Vernon Sanitary Sewer System
(DEP/WPC No. 146-001)

Average Daily Flow: 470,000 gallons per day (See paragraph 2)C.(3))

Maximum Daily Flow: 900,000 gallons per day (See paragraph 2)C.(3))

- (1) The pH of the discharge shall not be less than 5.0 or greater than 11.0 (Code 609-012) at any time except as provided in paragraph 2)C.(1)(a) and (b) below.
 - (a) An individual excursion of the low pH limit (5.0 S.U.) shall not be less than 3.0 at any time nor shall the excursion exceed fifteen (15) minutes.
 - (b) An individual excursion of the high pH limit (11.0 S.U.) shall not be greater than 12.0 at any time nor shall the excursion exceed sixty (60) minutes.
- (2) The concentration of the following pollutants in any grab sample shall at all times be less than or equal to 1.5 times the maximum daily concentration noted below.
- (3) The combined daily flows for Discharge Nos. 002-1 and 003-1 shall not exceed 740,000 and 1,400,000 gallons per day on an average daily flow and maximum daily flow basis respectively.
- (4) The permittee shall prevent foaming problems in and around the Vernon sanitary sewer system in accordance with treatment system(s) and/or procedures approved by the Commissioner.
- (5) The permittee shall continue to pretreat all color batches which contain Rhodamine dye in accordance with the permittee's letter to the Bureau of Water Management dated March 10, 1992 or with an alternative procedure as approved by the Commissioner.

Parameter	Average Monthly Limits	Maximum Daily Limits	Minimum Frequency of Sampling	Sample Type
Biochemical Oxygen Demand (5-Day)	450.0 mg/l	650.0 mg/l	Weekly	Daily Composite
Chemical Oxygen Demand	1500.0 mg/l	2200.0 mg/l	Weekly	Daily Composite
Total Oil and Grease	100.0 mg/l	150.0 mg/l	Monthly	Grab Sample Average
Ammonia as N	5.0 mg/l	10.0 mg/l	Weekly	Daily Composite
Total Suspended Solids	100.0 mg/l	150.0 mg/l	Weekly	Daily Composite
Copper-Total	2.5 mg/l	3.5 mg/l	Weekly	Daily Composite
Lead-Total	0.25 mg/l	0.5 mg/l	Weekly	Daily Composite
Zinc-Total	1.5 mg/l	2.5 mg/l	Weekly	Daily Composite
Formaldehyde	20.0 mg/l	30.0 mg/l	Monthly	Grab
EPA 602 Compounds	---- ug/l	---- ug/l	Quarterly *	Grab
pH	See paragraph 2)C. (1)		Continuous	Instantaneous **

* See paragraph 2)C. (5) (b)

** See paragraph 2)C. (5) (c)

- (a) The permittee shall maintain at the facility a record of the total flow for each day of discharge and shall report on the discharge monitoring report the total flow (Code 626-007) and number of hours of discharge (Code 629-079) for the day of sample collection and the average daily flow for each sampling month.
- (b) The permittee shall perform "Quarterly" monitoring in March, June, September and December.
- (c) The permittee shall report pH values, specifically maximum and minimum, for each day of composite sample collection and for each month. The pH range for each month is defined as the highest and lowest single pH reading during all operating days of the month including the periods when sampling is not performed.
- (d) The report shall include a data table summarizing effluent pH results. The data table shall include the following information:
- i) Total hours of discharge per day for each sampling month.
 - ii) Total hours of discharge per day that the effluent pH is less than 5.0 S.U. for longer than fifteen (15) consecutive minutes.
 - iii) Total hours of discharge per day that the effluent pH is less than 5.0 S.U..

- iv) Total hours of discharge per day that the effluent pH is greater than 11.0 S.U. for longer than sixty (60) consecutive minutes.
- v) Total hours of discharge per day that the effluent pH is greater than 11.0 S.U..
- vi) Total hours of discharge per day that the effluent pH is less than 3.0 S.U..
- vii) Total hours of discharge per day that the effluent pH is greater than 12.0 S.U..

(e) The report shall include a detailed explanation of any violations of the limitations specified above.

D. Discharge Serial No. 003-1 (Grove Street)

Monitoring Location: 1

Description: Textile Dyeing and Finishing Wastewater, Heat Exchanger Wash Water (Code 501062Z); [Non-contact cooling waters from the dyehouse and matching room air conditioner units, hydraulic cub frame, hydraulic system winder, #1 calender and ten (10) morton pump bearings, which are covered under a general permit, are also included in this discharge]

Discharge Location: Town of Vernon Sanitary Sewer System
(DEP/WPC No. 146-001)

Average Daily Flow: 470,000 gallons per day (See paragraph 2)D.(3)

Maximum Daily Flow: 900,000 gallons per day (See paragraph 2)D.(3)

- (1) The pH of the discharge shall not be less than 5.0 or greater than 11.0 (Code 609-012) at any time except as provided in paragraph 2)E.(1)(a.) and (b.) below.
 - (a) An individual excursion from the low pH limit (5.0 S.U.) shall not be less 3.0 S.U. at any time nor shall the excursion exceed fifteen (15) minutes.
 - (b) An individual excursion from the high pH limit (11.0 S.U.) shall not be greater than 12.0 S.U. at any time nor shall the excursion exceed sixty (60) minutes.
- (2) The concentration of the following pollutants in any grab sample shall at all times be less than or equal to 1.5 times the maximum daily concentration noted below.
- (3) The combined daily flows for Discharge Nos. 002-1 and 003-1 shall not exceed 740,000 and 1,400,000 gallons per day on an average daily flow and maximum daily flow basis respectively.
- (4) The permittee shall prevent foaming problems in and around the Vernon sanitary sewer system in accordance with treatment system(s) and/or procedures approved by the Commissioner.

- (5) The permittee shall continue to pretreat all color batches which contain Rhodamine dye in accordance with the permittee's letter to the Bureau of Water Management dated March 10, 1992 or with an alternative procedure as approved by the Commissioner.

Parameter	Average Monthly Limits	Maximum Daily Limits	Minimum Frequency of Sampling	Sample Type
Biochemical Oxygen Demand (5-Day)	450.0 mg/l	650.0 mg/l	Weekly	Daily Composite
Chemical Oxygen Demand	1500.0 mg/l	2200.0 mg/l	Weekly	Daily Composite
Total Oil and Grease	100.0 mg/l	150.0 mg/l	Monthly	Grab Sample Average
Ammonia as N	5.0 mg/l	10.0 mg/l	Weekly	Daily Composite
Total Suspended Solids	100.0 mg/l	150.0 mg/l	Weekly	Daily Composite
Copper-Total	2.5 mg/l	3.5 mg/l	Weekly	Daily Composite
Lead-Total	0.25 mg/l	0.5 mg/l	Weekly	Daily Composite
Zinc-Total	1.5 mg/l	2.5 mg/l	Weekly	Daily Composite
Formaldehyde	20.0 mg/l	30.0 mg/l	Monthly	Grab
EPA 602 Compounds	---- ug/l	---- ug/l	Quarterly *	Grab
pH	See paragraph 2)D.(1)		Continuous	Instantaneous **

* See paragraph 2)D.(5)(b)

** See paragraph 2)D.(5)(c)

- (a) The permittee shall maintain at the facility a record of the total flow for each day of discharge and shall report on the discharge monitoring report the total flow (Code 626-007) and number of hours of discharge (Code 629-079) for the day of sample collection and the average daily flow for each sampling month.
- (b) The permittee shall perform "Quarterly" monitoring in March, June, September and December.
- (c) The permittee shall report pH values, specifically maximum and minimum, for each day of composite sample collection and for each month. The pH range for each month is defined as the highest and lowest single pH reading during all operating days of the month including the periods when sampling is not performed.
- (d) The report shall include a data table summarizing effluent pH results. The data table shall include the following information:
- i) Total hours of discharge per day for each sampling month.

- ii) Total hours of discharge per day that the effluent pH is less than 5.0 S.U. for longer than fifteen (15) consecutive minutes.
- iii) Total hours of discharge per day that the effluent pH is less than 5.0 S.U..
- iv) Total hours of discharge per day that the effluent pH is greater than 11.0 S.U. for longer than sixty (60) consecutive minutes.
- v) Total hours of discharge per day that the effluent pH is greater than 11.0 S.U..
- vi) Total hours of discharge per day that the effluent pH is less than 3.0 S.U..
- vii) Total hours of discharge per day that the effluent pH is greater than 12.0 S.U..

- (e) The report shall include a detailed explanation of any violations of the limitations specified above.

AFTER COMPLETION OF CONSTRUCTION OF THE PRETREATMENT SYSTEM IN ACCORDANCE WITH PARAGRAPH 4), BUT NO LATER THAN SEPTEMBER 30, 1998, THE PERMITTEE SHALL COMPLY WITH PARAGRAPHS 2)E., 2)F. AND 2)G. OR 2)H. AND PARAGRAPHS 2)C. AND 2)D. WILL NO LONGER APPLY.

IF THE EQUALIZATION/NEUTRALIZATION PRETREATMENT SYSTEM, APPROVED BY THE COMMISSIONER IN ACCORDANCE WITH PARAGRAPH 4), DOES NOT REQUIRE CONSOLIDATION OF DSNS 002 AND 003, THEN THE PERMITTEE SHALL COMPLY WITH PARAGRAPHS 2)E., 2)F. AND 2)G. AND PARAGRAPHS 2)C., 2)D. AND 2)H. WILL NOT APPLY.

IF THE EQUALIZATION/NEUTRALIZATION PRETREATMENT SYSTEM, APPROVED BY THE COMMISSIONER IN ACCORDANCE WITH PARAGRAPH 4), REQUIRES CONSOLIDATION OF DSNS 002 AND 003, THEN THE PERMITTEE SHALL COMPLY WITH PARAGRAPH 2)H. AND PARAGRAPHS 2)C., 2)D., 2)E., 2)F. AND 2)G. WILL NOT APPLY.

E. Discharge Serial No. 002-1

Monitoring Location: 1

Description: Treated Textile Dyeing and Finishing Wastewater, Heat Exchanger Wash Water (Code 501062Z); [Non-contact cooling waters from the dyehouse and matching room air conditioner units, hydraulic cub frame, hydraulic system winder, #1 calender and ten (10) morton pump bearings, which are covered under a general permit, are also included in this discharge]

Discharge Location: Town of Vernon Sanitary Sewer System
(DEP/WPC No. 146-001)

Average Daily Flow: 470,000 gallons per day (See paragraph 2)E.(3))

Maximum Daily Flow: 900,000 gallons per day (See paragraph 2)E.(3))

- (1) The pH of the discharge shall not be less than 5.0 or greater than 11.0 (Code 609-012) at any time.
- (2) The concentration of the following pollutants in any grab sample shall at all times be less than or equal to 1.5 times the maximum daily concentration noted below.
- (3) The combined daily flows for Discharge Nos. 002-1 and 003-1 shall not exceed 740,000 and 1,400,000 gallons per day on an average daily flow and maximum daily flow basis respectively.
- (4) The permittee shall prevent foaming problems in and around the Vernon sanitary sewer system in accordance with treatment system(s) and/or procedures approved by the Commissioner.
- (5) The permittee shall continue to pretreat all color batches which contain Rhodamine dye in accordance with the permittee's letter to the Bureau of Water Management dated March 10, 1992 or with an alternative procedure as approved by the Commissioner.

Parameter	Units	Maximum Daily Limits	Minimum Frequency of Sampling	Sample Type
Biochemical Oxygen Demand (5-Day)	mg/l	650. mg/l	Weekly	Daily Composite
Chemical Oxygen Demand	mg/l	2100. mg/l	Weekly	Daily Composite
Total Oil and Grease	mg/l	115. mg/l	Monthly	Grab Sample Average
Ammonia as N	mg/l	10. mg/l	Weekly	Daily Composite
Total Suspended Solid	mg/l	150. mg/l	Weekly	Daily Composite
Copper-Total	mg/l	3.0 mg/l	Weekly	Daily Composite
Lead-Total	mg/l	0.5 mg/l	Weekly	Daily Composite
Zinc-Total	mg/l	2.5 mg/l	Weekly	Daily Composite
Formaldehyde	mg/l	30. mg/l	Monthly	Grab Sample Average
EPA 602 Compounds	ug/l		Quarterly*	Grab
pH	See paragraph 2)E. (1)		Continuous	Instantaneous**

* See paragraph 2)E. (5) (b)

** See paragraph 2)E. (5) (c)

- (a) The permittee shall maintain at the facility a record of the total flow for each day of discharge and shall report on the discharge monitoring report the total flow (Code 626-007) and number of hours of discharge (Code 629-079) for the day of sample collection and the average daily flow for each sampling month.

- (b) The permittee shall perform "Quarterly" monitoring in March, June, September and December.
- (c) The permittee shall report pH values, specifically maximum and minimum, for each day of composite sample collection and for each month. The pH range for each month is defined as the highest and lowest single pH reading during all operating days of the month including the periods when sampling is not performed.
- (d) The report shall include a detailed explanation of any violations of the limitations specified above.

F. Discharge Serial No. 003-1

Monitoring Location: 1

Description: Pretreated Textile Dyeing and Finishing Wastewater, Heat Exchanger Wash Water (Code 501062Z); [Non-contact cooling waters from the dyehouse and matching room air conditioner units, hydraulic cub frame, hydraulic system winder, #1 calender and ten (10) morton pump bearings, which are covered under a general permit, are also included in this discharge]

Discharge Location: Town of Vernon Sanitary Sewer System
(DEP/WPC No. 146-001)

Average Daily Flow: 470,000 gallons per day (See paragraph 2)F.(3))

Maximum Daily Flow: 900,000 gallons per day (See paragraph 2)F.(3))

- (1) The pH of the discharge shall not be less than 5.0 or greater than 11.0 (Code 609-012) at any time.
- (2) The concentration of the following pollutants in any grab sample shall at all times be less than or equal to 1.5 times the maximum daily concentration noted below.
- (3) The combined daily flows for Discharge Nos. 002-1 and 003-1 shall not exceed 740,000 and 1,400,000 gallons per day on an average daily flow and maximum daily flow basis respectively.
- (4) The permittee shall prevent foaming problems in and around the Vernon sanitary sewer system in accordance with treatment system(s) and/or procedures approved by the Commissioner.
- (5) The permittee shall continue to pretreat all color batches which contain Rhodamine dye in accordance with the permittee's letter to the Bureau of Water Management dated March 10, 1992 or with an alternative procedure as approved by the Commissioner.

Parameter	Units	Maximum Daily Limits	Minimum Frequency of Sampling	Sample Type
Biochemical Oxygen Demand (5-Day)	mg/l	650. mg/l	Weekly	Daily Composite
Chemical Oxygen Demand	mg/l	2100. mg/l	Weekly	Daily Composite
Total Oil and Grease	mg/l	115. mg/l	Monthly	Grab Sample Average
Ammonia as N	mg/l	10. mg/l	Weekly	Daily Composite
Total Suspended Solid	mg/l	150. mg/l	Weekly	Daily Composite
Copper-Total	mg/l	3.0 mg/l	Weekly	Daily Composite
Lead-Total	mg/l	0.5 mg/l	Weekly	Daily Composite
Zinc-Total	mg/l	2.5 mg/l	Weekly	Daily Composite
Formaldehyde	mg/l	30. mg/l	Monthly	Grab Sample Average
EPA 602 Compounds	ug/l		Quarterly*	Grab
pH	See paragraph 2)F.(1)		Continuous	Instantaneous**

* See paragraph 2)F.(5)(b)

** See paragraph 2)F.(5)(c)

- (a) The permittee shall maintain at the facility a record of the total flow for each day of discharge and shall report on the discharge monitoring report the total flow (Code 626-007) and number of hours of discharge (Code 629-079) for the day of sample collection and the average daily flow for each sampling month.
- (b) The permittee shall perform "Quarterly" monitoring in March, June, September and December.
- (c) The permittee shall report pH values, specifically maximum and minimum, for each day of composite sample collection and for each month. The pH range for each month is defined as the highest and lowest single pH reading during all operating days of the month including the periods when sampling is not performed.
- (d) The report shall include a detailed explanation of any violations of the limitations specified above.

G. Discharge Serial No. 004-1 (Combined Discharge Nos. 002-1 and 003-1)
 Monitoring Location: Not Applicable
 Description: Mass-loadings from combined Discharge Nos. 002-1 and 003-1 as determined from individual sample results obtained from respective discharge locations
 Discharge Location: Town of Vernon Sanitary Sewer System
 (DEP/WPC No. 146-001)

- (1) Samples shall be obtained and analyzed from both Discharge Nos. 002-1 and 003-1, independently, according to the terms and conditions provided below. [The monitoring terms and conditions provided below are identical to those provided in paragraphs 2)C.-D. and 2)E.-F., therefore, analytical results obtained from samples collected according to requirements provided in paragraphs 2)C.-D. or 2)E.-F. shall be used to determine compliance with the following limits.]

Parameter	Units	Average Monthly Limits	Minimum Frequency of Sampling	Sample Type
Biochemical Oxygen Demand (5-Day)	kg/d	1216.2 kg/d	Weekly	Daily Composite
Chemical Oxygen Demand	kg/d	3719 kg/d	Weekly	Daily Composite
Total Oil and Grease	kg/d	206.2 kg/d	Monthly	Grab Sample Average
Ammonia as N	kg/d	15 kg/d	Weekly	Daily Composite
Total Suspended Solid	kg/d	303 kg/d	Weekly	Daily Composite
Copper-Total	kg/d	5.52 kg/d	Weekly	Daily Composite
Lead-Total	kg/d	.70 kg/d	Weekly	Daily Composite
Zinc-Total	kg/d	4.29 kg/d	Weekly	Daily Composite
Formaldehyde	kg/d	60.6 kg/d	Monthly	Grab Sample Average

- (a) The permittee shall calculate mass-loadings for both Discharge Nos. 002-1 and 003-1 by multiplying the respective concentration value by the daily flow recorded on the day of sample collection. Mass-loadings for Discharge Nos. 002-1 and 003-1 shall be combined to obtain the total mass-loading for each parameter listed above.
- (b) Compliance with the average monthly limits provided in paragraph 2)G.(1) shall be achieved when the arithmetic average calculated from all daily mass-loadings per pollutant for each sampling month, is less than or equal to the respective average monthly limit provided above.
- (c) The report shall include a detailed explanation of any violations of the limitations specified above.

H. Discharge Serial No. 004-1 (former DSN 002 and 003 combined)
Monitoring Location: 1

Description: Textile Dyeing and Finishing Wastewater, Heat Exchanger Wash Water (Code 501062Z); [Non-contact cooling waters from the dyehouse and matching ~~room air conditioner~~ units, ~~hydraulic sub frame~~, ~~hydraulic system winder~~, #1 calender and ten (10) morton pump bearings, which are covered under a general permit, are also included in this discharge]

Discharge Location: Town of Vernon Sanitary Sewer System

CURRENT

PROCESS WATER
FROM RIVER

(DEP/WPC No. 146-001)

Average Daily Flow: 740,000 gallons per day

Maximum Daily Flow: 1,400,000 gallons per day

- (1) The pH of the discharge shall not be less than 5.0 or greater than 11.0 (Code 609-012) at any time.
- (2) The concentration of the following pollutants in any grab sample shall at all times be less than or equal to 1.5 times the maximum daily concentration noted below.
- (3) The permittee shall prevent foaming problems in and around the Vernon sanitary sewer system in accordance with treatment system(s) and/or procedures approved by the Commissioner.
- (4) The permittee shall continue to pretreat all color batches which contain Rhodamine dye in accordance with the permittee's letter to the Bureau of Water Management dated March 10, 1992 or with an alternative procedure as approved by the Commissioner.

Parameter	Average Monthly Limits	Maximum Daily Limits	Minimum Frequency of Sampling	Sample Type
Biochemical Oxygen Demand (5-Day)		650. mg/l	Weekly	Daily Composite
Biochemical Oxygen Demand (5-Day)	1216.2 kg/d	----	Weekly	Daily Composite
Chemical Oxygen Demand		2100. mg/l	Weekly	Daily Composite
Chemical Oxygen Demand	3719 kg/d	----	Weekly	Daily Composite
Total Oil and Grease		115. mg/l	Monthly	Grab Sample Average
Total Oil and Grease	206.2 kg/d	----	Monthly	Grab Sample Average
Ammonia as N		10. mg/l	Weekly	Daily Composite
Ammonia as N	15. kg/d	----	Weekly	Daily Composite
Total Suspended Solids		150. mg/l	Weekly	Daily Composite
Total Suspended Solids	303. kg/d	----	Weekly	Daily Composite
Copper-Total		3.0 mg/l	Weekly	Daily Composite
Copper-Total	5.52 kg/d	----		
Lead-Total		0.5 mg/l	Weekly	Daily Composite
Lead-Total	0.70 kg/d	----	Weekly	Daily Composite
Zinc-Total		2.5 mg/l	Weekly	Daily Composite
Zinc-Total	4.29 kg/d	----	Weekly	Daily Composite
Formaldehyde		30. mg/l	Monthly	Grab Sample Average
Formaldehyde	60.6 kg/d	----	Monthly	Grab Sample Average
EPA 602 Compounds	-----	----	Quarterly*	Grab
pH	SEE PARAGRAPH 2)H. (1)		Weekly	Range During Composite

* See paragraph 2)H. (4) (c)

- (a) The permittee shall maintain at the facility a record of the total flow for each day of discharge and shall report on the discharge monitoring report the total flow (Code 626-007) and number of hours of discharge (Code 629-079) for the day of sample collection and the average daily flow for each sampling month.
 - (b) Compliance with the average monthly limits provided in paragraph 2)H.(4) shall be achieved when the arithmetic average calculated from all daily mass-loadings per pollutant for each sampling month, is less than or equal to the respective average monthly limit provided above.
 - (c) The permittee shall perform "Quarterly" monitoring in March, June, September and December.
 - (d) The permittee shall report pH values, specifically maximum and minimum, for each day of composite sample collection and for each month. The pH range for each month is defined as the highest and lowest single pH reading during all operating days of the month including the periods when sampling is not performed.
 - (e) The report shall include a detailed explanation of any violations of the limitations specified above.
- 3) The discharge shall not cause discoloration of the Town of Vernon's Water Pollution Control Facility's final effluent.
- 4)A.1. On or before 30 days after the issuance date of this modification, but no later than May 1, 1997, the permittee shall submit for the Commissioner's review and approval an engineering report on the design of pretreatment system(s) for Discharge Nos. 002-1 and 003-1. The design calculations shall be based on appropriate treatment system(s) necessary to allow wastewaters from Discharge Nos. 002-1 and 003-1 to meet pH limits provided in paragraphs 2)E. and 2)F. This report shall also include a proposed schedule for the submittal of plans and specifications, start and completion of construction of this system.
- A.2. The plans and specifications required under paragraph 4)A.1. above shall detail all piping associated with the corresponding treatment system. If technically feasible, as determined by the Commissioner upon review of the engineering report submitted in accordance with paragraph 4)A.1. above, the plans shall include dedicated line(s) from the pretreatment system(s) which shall be installed to allow regulatory personnel to install automatic sampling equipment for the collection of samples without entering the facility.
- B. On or before 90 days after approval of the engineering report submitted in accordance with paragraph 4)A.1., but no later than September 1, 1997, the permittee shall submit for the Commissioner's review and approval contract plans and specifications for the pretreatment system(s) for Discharge Nos. 002 and 003.

- C. No later than September 30, 1998, the permittee shall complete construction of the pretreatment system(s) and sampling station(s) and certify to the Commissioner in writing that construction of the pretreatment system(s) is complete and the system(s) are fully operational.
- 5) A. The permittee shall submit to the Commissioner quarterly status reports, beginning within ninety (90) days after the date of permit modification issuance, on the development and implementation of appropriate pretreatment system(s) designed to neutralize textile dyeing and finishing wastewaters associated with Discharge Nos. 002 and 003. Status reports shall include but not be limited to a summary of all effluent monitoring data collected by the permittee during the previous three month period that are relevant to the pretreatment system(s) development and a detailed description of progress made by the permittee in performing actions required, including but not limited to operational changes, development of engineering plans and specifications, construction activity, contract bidding, and any other actions relevant to satisfying the terms of this permit.
- B. The permittee shall perform the approved actions in accordance with the approved schedule. Within fifteen days after completing such actions, the permittee shall certify to the Commissioner in writing that the actions have been completed as approved.
- C. The permittee shall use best efforts to submit to the Commissioner all documents required by this permit in a complete and approvable form. If the Commissioner notified the permittee that any document or other action is deficient, and does not approve it with conditions or modifications, it is deemed disapproved, and the permittee shall correct the deficiencies and resubmit it within the time specified by the Commissioner or, if no time is specified by the Commissioner, within sixty days of the Commissioner's notice of deficiencies. In approving any document or other action under this permit, the Commissioner may approve the document or other action as submitted or performed or with such conditions or modifications as the Commissioner deems necessary to carry out the purposes of this permit. Nothing in this paragraph shall excuse noncompliance or delay.
- D. Dates. The date of submission to the Commissioner of any document required by this permit shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this permit, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three days after it is postmarked by the Commissioner, whichever is earlier. Except as otherwise specified in this permit, the word "day" as used in this permit means calendar day. Any document or action which is required by this permit to be submitted or performed by a date which falls on a Saturday, Sunday or a Connecticut or federal holiday shall be submitted or performed on or before the next day which is not a Saturday, Sunday, or Connecticut or federal holiday.

- E. Notification of noncompliance. In the event that the permittee becomes aware that it did not or may not comply, or did not or may not comply on time, with any requirement of this permit or of any document required hereunder, the permittee shall immediately notify the Commissioner and shall take all reasonable steps to ensure that any noncompliance or delay is avoided or, if unavoidable, is minimized to the greatest extent possible. In so notifying the Commissioner, the permittee shall state in writing the reasons for the noncompliance or delay and propose, for the review and written approval of the Commissioner, dates by which compliance will be achieved, and the permittee shall comply with any dates which may be approved in writing by the Commissioner. Notification by the permittee shall not excuse noncompliance or delay, and the Commissioner's approval of any compliance dates proposed shall not excuse noncompliance or delay unless specifically so stated by the Commissioner in writing.
- F. Noncompliance. Failure to comply with this permit may subject the permittee to an injunction and penalties under Chapters 439, and 445 or 446k of the Connecticut General Statutes.
- G. False statements. Any false statement in any information submitted pursuant to this permit may be punishable as a criminal offense under Section 22a-438 or 22a-131a of the Connecticut General Statutes or, in accordance with Section 22a-6, under Section 53a-157 of the Connecticut General Statutes.
- H. Permittee's obligations under law. Nothing in this permit shall relieve the permittee of other obligations under applicable federal, state and local law.
- I. Notice to Commissioner of changes. Within fifteen days of the date the permittee becomes aware of a change in any information submitted to the Commissioner under this permit, or that any such information was inaccurate or misleading or that any relevant information was omitted, the permittee shall submit the correct or omitted information to the Commissioner.
- J. Submission of documents. Any document, other than a discharge monitoring report, required to be submitted to the Commissioner under this permit shall, unless otherwise specified in writing by the Commissioner, be directed to:

Mr. Kenneth W. Major
Department of Environmental Protection
Water Management Bureau
Permitting, Enforcement & Remediation Division
79 Elm Street
P.O. Box 5066
Hartford, Connecticut 06106

This permit is issued under Section 22a-430 and shall expire on MAY 23, 1999.

This permit shall be subject to the following sections of the Regulations of Connecticut State Agencies which are hereby incorporated into this permit:

Section 22a-430-3 General Conditions

- (a) Definitions
- (b) General
- (c) Inspection and Entry
- (d) Effect of a Permit
- (e) Duty
- (f) Proper Operation and Maintenance
- (g) Sludge Disposal
- (h) Duty to Mitigate
- (i) Facility Modifications; Notification
- (j) Monitoring, Records and Reporting Requirements
- (k) Bypass
- (l) Conditions Applicable to POTWs
- (m) Effluent Limitation Violations (Upsets)
- (n) Enforcement
- (o) Resource Conservation
- (p) Spill Prevention and Control
- (q) Instrumentation, Alarms, Flow Recorders
- (r) Equalization

22a-430-4 Procedures and Criteria

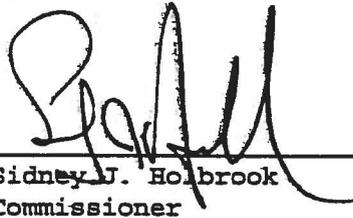
- (a) Duty to Apply
- (b) Duty to Reapply
- (c) Application Requirements
- (d) Preliminary Review
- (e) Tentative Determination
- (f) Draft Permits, Fact Sheets
- (g) Public Notice, Notice of Hearing
- (h) Public Comments
- (i) Final Determination
- (j) Public Hearings
- (k) Submission of Plans and Specifications. Approval.
- (l) Establishing Effluent Limitations and Conditions
- (m) Case by Case Determinations
- (n) Permit issuance or renewal
- (o) Permit Transfer
- (p) Permit revocation, denial or modification
- (q) Variances
- (r) Secondary Treatment Requirements
- (s) Treatment Requirements for Metals and Cyanide
- (t) Discharges to POTWs - Prohibitions

Your attention is especially drawn to the notification requirements of subsection (i) (2), (i) (3), (j) (6), (j) (9) (C), (j) (11) (C), (D), (E), and (F), (k) (3) and (4) and (l) (2) of Section 22a-430-3.

This Permit requires the payment of an annual fee, as set forth in Section 22a-430-7 of the Regulations of Connecticut State Agencies, as amended.

The Commissioner reserves the right to make appropriate revisions to the permit in order to establish any appropriate effluent limitations, schedules of compliance, or other provisions which may be authorized under the Clean Water Act or the Connecticut General Statutes or regulations adopted thereunder, as amended. The permit as modified or renewed under this paragraph may also contain any other requirements of the Clean Water Act or Connecticut General Statutes or regulations adopted thereunder which are then applicable.

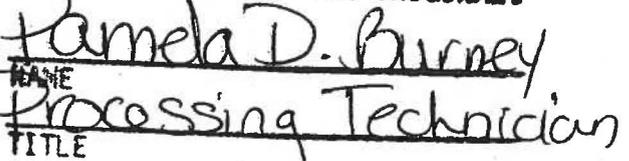
Entered as a Permit Modification of the Commissioner of the Department of Environmental Protection on the 10th day of July, 1997.



Sidney J. Holbrook
Commissioner

MODIFICATION NO. 96-2329
PERMIT NO. SP0000599

I CERTIFY THAT THIS DOCUMENT
IS A TRUE COPY OF THE ORIGINAL.


NAME
Processing Technician
TITLE

DEPARTMENT OF ENVIRONMENTAL
PROTECTION, BUREAU OF WATER
MANAGEMENT



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



NOTICE OF VIOLATION

The Amerbelle Corporation
104 East Main Street
Vernon, CT 06066

The purpose of this Notice is to inform you that personnel of the Department of Environmental Protection ("DEP") have made observations or otherwise obtained information indicating that a violation of law has occurred at the above referenced facility.

On February 2, 2000, an inspection was conducted by the DEP Bureau of Water Management. Based upon that inspection, it appears that you have:

Violated the following effluent limitations for discharge number 001A of permit no. SP0000599 as noted in a grab sample collected on February 2, 2000. A copy of the laboratory report has been attached for your records.

<u>Parameter</u>	<u>Analytical Result</u>	<u>Grab Limit</u>
Zinc	5.8 mg/L	3.0 mg/L

You should immediately correct the above violation, and within thirty (30) days from the date of issuance of this Notice submit a Compliance Statement on a form prescribed by the Department (copy enclosed) describing the details of the corrective action, and attach all applicable supporting documentation. **Such submittal should be sent to the contact person identified below in paragraph D with a copy of such submittal and supporting documentation directed to Michael Fedak of the Environmental Protection Agency ("the EPA") at the address given below in paragraph E.** Until the DEP has received such a statement, the DEP will presume you remain in violation. If the violation(s) cannot be corrected within thirty (30) days, provide a schedule of compliance (that includes a timetable) on the enclosed Compliance Statement within thirty (30) days describing the actions you will take to correct the violation(s). Your actions in response to this notice, including submission of the attached Compliance Statement, may affect the DEP's decision whether or not to take formal enforcement action.

- A. Other violations may exist; legal obligations. This Notice does not necessarily specify all violations of Connecticut environmental law or violations of any other legal requirements which may exist at the aforementioned property. This Notice does not preclude the DEP or other state, local or federal agencies from commencing any enforcement action regarding any such violations. Your facility may be inspected again pursuant to law and without additional prior notice to determine compliance with state and any applicable federal law. It is your responsibility to comply with all legal requirements, whether or not the DEP notifies you of any violations or takes any enforcement action against you. Nothing in this Notice relieves you of other obligations under applicable federal, state and local law.

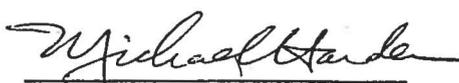
- B. Enforcement action. Civil penalties of up to \$25,000 may be assessed for each day of each violation under section 22a-438 of the Connecticut General Statutes. Notwithstanding the issuance of this Notice, the DEP may seek such penalties and may issue an order, seek an injunction, or take other legal action under Chapters 439 and 446k of the Connecticut General Statutes.
- C. No assurance by Commissioner. No provision of this Notice and no action or inaction by the Commissioner shall be construed to constitute an assurance by the Commissioner that actions you may take to address the violation(s) alleged herein will result in compliance.
- D. Staff contact: If you question any of the information contained in this Notice, you may contact:

Colette Ready
Bureau of Water Management
79 Elm Street, 2nd floor
Hartford, CT 06106
(860) 424-3018

- E. EPA contact.

Michael Fedak
U.S. E.P.A. New England
Office of Environmental Stewardship (SEW)
1 Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

April 5, 2000
Date



Michael J. Harder, Director
Permitting, Enforcement & Remediation Division
Bureau of Water Management

DEP/WPC NO. 146-003
PERMIT NO. SP0000599
NOV WR IN 029
P:\WORKING\DHOLLAND\NOVS\amerbele corp.doc



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF VIOLATION



AMERBELLE CORPORATION, THE
104 EAST MAIN STREET
VERNON, CT 06066

Permit Number: GSI000761
DEP/WPC Number: 146/3
NOV Number: NOV WR SW 99 164

The purpose of this Notice is to inform you that the Department of Environmental Protection has determined the following violation of law:

1. Your facility has registered for the General Permit for the Discharge of Stormwater Associated with Industrial Activities, issued October 1, 1997. You have failed to submit stormwater monitoring results for the October 1, 1997 - September 30, 1998 sampling year pursuant to general permit Section 5(d)(3)(A).

If you have performed your monitoring, you should submit your Stormwater Monitoring Report (SMR) within thirty (30) days of the date of this NOV with the enclosed Compliance Statement.

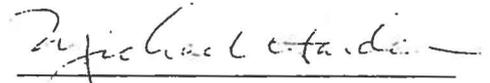
All monitoring required by the permit is important. Therefore, for those that failed to complete the monitoring, you should within thirty (30) days submit the enclosed compliance statement, noting arrangements to sample prior to October 1, 1999 for the 1999 sampling year, and arrangements for an additional sample within ninety (90) days of the date of this NOV. Please note that while taking this additional sample does not dismiss your violation for 1998, DEP will take such sampling into consideration when considering formal enforcement action.

The Compliance Statement and the SMR (if complete) should be sent to **Julie Shane Kiritsis at the address identified below in paragraph D with a copy of the Compliance Statement and SMR directed to Michael Fedak of the Environmental Protection Agency ("the EPA") at the address given below in paragraph E.** Until the DEP has received such statement, the DEP will presume you remain in violation. Your actions in response to this notice, including submission of the Attached Compliance Statement, may effect the DEP's decision whether or not to take formal enforcement action.

- A. Other violations may exist; legal obligations. This Notice does not necessarily specify all violations of Connecticut environmental law or violations of any other legal requirements which may exist at the aforementioned facility. This Notice does not preclude the DEP or other state, local or federal agencies from commencing enforcement action regarding any such violations. Your facility may be inspected pursuant to law and without additional prior notice to determine compliance with state and any applicable federal law. It is your responsibility to comply with all legal requirements, whether or not the DEP notifies you of any violations or takes any enforcement action against you. Nothing in this Notice relieves you of other obligations under applicable federal, state and local law.
- B. Enforcement action. Civil penalties of up to \$25,000 may be assessed for each day of each violation under section 22a-438 of the Connecticut General Statutes. Notwithstanding the issuance of this Notice, the DEP may seek such penalties and may issue an order, seek an injunction, or take other legal action under Chapters 439 and 446k of the Connecticut General Statutes.

- C. No assurance by Commissioner. No provision of this Notice and no action or inaction by the Commissioner shall be construed to constitute an assurance by the Commissioner that actions you may take to address the violation alleged herein will result in compliance.
- D. Staff contact. If you question any of the information contained in this Notice, you may contact Julie Shane Kiritsis of the Bureau of Water Management Stormwater Section at (860) 424-3914, 79 Elm Street, Hartford, CT 06106. You may also contact Christopher Stone of the Bureau of Water Management Stormwater Section at (860) 424-3850 or Carol Papp of the Bureau of Water Management Water Toxics Program at (860) 424-3908.
- E. EPA contact. Michael Fedak, U.S. E.P.A. New England, Office of Environmental Stewardship (SEW), JFK Building, Boston, MA 02203.

Date February 5, 1999



Michael J. Harder, Director
Permitting, Enforcement & Remediation Division
Bureau of Water Management

I CERTIFY THAT THIS DOCUMENT
IS A TRUE COPY OF THE ORIGINAL.

Oliver R. Smith
NAME
Secretary
TITLE

DEPARTMENT OF ENVIRONMENTAL
PROTECTION, BUREAU OF WATER
MANAGEMENT



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



NOTICE OF VIOLATION

TO: The Amerbelle Corporation

The purpose of this Notice is to inform you that personnel of the Department of Environmental Protection ("DEP") have made observations or otherwise obtained information indicating that a violation of law has occurred at the property located at:

104 East Main Street, Rockville, CT 06066.

1. On May 7, 1997, an inspection was conducted by the DEP Bureau of Water Management. Based upon that inspection, it appears that you have:
 - a. Violated the following effluent limitations as noted in grab samples collected on May 7, 1997. A copy of the laboratory report(s) has been attached for your records.

For discharge number 001A of permit no. SP0000599:

Parameter: zinc Analytical Result: 3.8 ppm Grab Limit: 3.0 ppm

For discharge number 002 of permit no. SP0000599:

Parameter: Ammonia Nitrogen Analytical Result: 20 ppm Grab Limit: 15 ppm

Additional Comments:

1. The flow chart recorder for DSN 002 was recording below zero while the flow meter registered 61 gpm. The recorder must be adjusted to provide accurate recording of flow.
2. Continuous monitoring charts for DSN 001A final pH must be dated and signed daily.

You should immediately correct the above violation(s) and address the item(s) listed under additional comments, and within thirty (30) days from the date of issuance of this Notice submit a Compliance Statement on a form prescribed by the Department (copy enclosed) describing the details of the corrective action(s), how the item(s) listed under additional comments have been

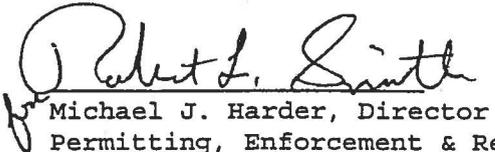
addressed, and attach all applicable supporting documentation. Such submittal should be sent to the contact person identified below in paragraph D with a copy of such submittal and supporting documentation directed to Michael Fedak of the Environmental Protection Agency ("the EPA") at the address given below in paragraph E. Until the DEP has received such a statement, the DEP will presume you remain in violation. If the violation(s) cannot be corrected within thirty (30) days, provide a schedule of compliance (that includes a timetable) on the enclosed Compliance Statement within thirty (30) days describing the actions you will take to correct the violation(s). Your actions in response to this notice, including submission of the attached Compliance Statement, may effect the DEP's decision whether or not to take formal enforcement action.

- A. Other violations may exist; legal obligations. This Notice does not necessarily specify all violations of Connecticut environmental law or violations of any other legal requirements which may exist at the aforementioned property. This Notice does not preclude the DEP or other state, local or federal agencies from commencing any enforcement action regarding any such violations. Your facility may be inspected again pursuant to law and without additional prior notice to determine compliance with state and any applicable federal law. It is your responsibility to comply with all legal requirements, whether or not the DEP notifies you of any violations or takes any enforcement action against you. Nothing in this Notice relieves you of other obligations under applicable federal, state and local law.
- B. Enforcement action. Civil penalties of up to \$25,000 may be assessed for each day of each violation under section 22a-438 of the Connecticut General Statutes. Notwithstanding the issuance of this Notice, the DEP may seek such penalties and may issue an order, seek an injunction, or take other legal action under Chapters 439 and 446k of the Connecticut General Statutes.
- C. No assurance by Commissioner. No provision of this Notice and no action or inaction by the Commissioner shall be construed to constitute an assurance by the Commissioner that actions you may take to address the violation(s) alleged herein will result in compliance.
- D. Staff contact. If you question any of the information contained in this Notice, you may contact Colette Ready
Bureau of Water Management
79 Elm Street, 2nd floor
Hartford, CT 06106
(860) 424-3018

E. EPA contact. Michael Fedak
U.S. E.P.A. New England
Office of Environmental Stewardship (SEW)
JFK Federal Building
Boston, Massachusetts 02203.

August 6, 1997

Date


for Michael J. Harder, Director

Permitting, Enforcement & Remediation Division
Bureau of Water Management

DEP/WPC NO. 146-003
PERMIT NO. SP0000599

COMPLIANCE STATEMENT

This Compliance Statement shall be signed by: (1) You (if an individual-the individual signs); (if a corporation or partnership-by a responsible corporate officer/general partner or a duly authorized representative of such person, as those terms are defined in section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies); or (if a municipality-chief elected official or principal executive officer) and (2) if different, by the individual responsible for actually preparing such statement, each of whom shall read and sign the certification regarding false statements on the Compliance Statement.

Within fifteen days of the date you become aware of a change in any information in the Compliance Statement, or that any information was inaccurate or misleading or that any relevant information was omitted, submit the correct or omitted information to the DEP and EPA staff contacts identified in the Notice of Violation.

Notice of Violation Date: August 6, 1997
Facility name: The Amerbelle Corporation
Facility address: 104 East Main Street
Rockville, CT 06066
Attention: Mr. Alan Schwedel

In accordance with the directions in the above-referenced Notice of Violation, I certify that the noted violations *and additional comments have been corrected in the following manner:

Attach sheet(s) as needed
(Enclose supporting documentation demonstrating compliance)

Certification of Accuracy

I certify that the information in this Compliance Statement and any attachments thereto are true, accurate and complete, and I understand that any false statement may be punishable as a criminal offense under Connecticut General Statutes sections 22a-6 and 53a-157.

Date

Telephone

Signature

(Type name and title)

Address

Date

Telephone

Preparer's Signature,
if different from above

(Type name and title)

Address



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



NOTICE OF VIOLATION

TO: The Amerbelle Corporation

The purpose of this notice is to inform you of violations which have been found at your facility/property. Be aware that DEP may take action in the future to collect penalties for the violations listed below, and that if these violations are not corrected, penalties will continue to accrue. (See paragraph B.3 below.) In addition, this list is not necessarily all-inclusive. It is your responsibility to comply with all legal requirements whether or not the Department notifies you of a violation.

A. The Division of Permitting, Enforcement & Remediation, Bureau of Water Management, Department of Environmental Protection ("Department"), has found the following violations at your facility/property at 104 East Main Street, Vernon, CT:

1. On March 9 & 17, 1995, an inspection of your facility was conducted by the Department of Environmental Protection, Bureau of Water Management. Based upon that inspection, the Department found violations which include, but may not be limited to:

- a. Violated the following effluent limitations for discharge number 002-1 and DSN 003-1 of permit no. SP0000599 as noted in a review of company monitoring charts on March 17, 1995: pH (See Additional Comment #1).
- b. Violated sample collection techniques required by section 22a-430-3(j)(7) of the Regulations of Connecticut State Agencies as follows:

For Discharge number 001-1 of Permit no. SP0000599, failed to collect samples at locations representative of the discharge (The current sampling point includes sanitary waste, air compressor and steam condensates, barrel mixer overflow and chemical storage area floor wash and drainage, none of which are listed in the permit. [See Additional Comment #2]);

and

For discharge nos. 002-1 and 003-1, failed to collect samples using required methods for the following parameters: formaldehyde and EPA 602 Compounds. (Grab samples are required but composite samples are being collected.)

(Printed on Recycled Paper)

79 Elm Street • Hartford, CT 06106-5127
An Equal Opportunity Employer

- c. Failed to maintain practices, procedures, and facilities designed to prevent, minimize, and control spills, leaks, or other unplanned releases from the chemical storage area and the chemical off-loading dock, as required by section 22a-430-3(p) of the Regulations of Connecticut State Agencies. These areas are equipped with floor drains to the 001-1 discharge.

ADDITIONAL COMMENTS:

1. Subsequent to the inspection, the department received corrected DMR's for the pH violations that were noted during the inspection on the pH monitoring charts but not previously reported. Please describe what steps will be taken to prevent low pH violations and to ensure accurate reporting of pH data in the future.
2. The discharges listed in violation A.1.b. (with the exception of the sanitary waste) require permit coverage.
3. DSN 001A-1 is receiving water filter/softener discharges and air compressor condensate. The permit lists only scrubber wastewater for this location. According to the permit, the filter backwash water should go to DSN 001-1.
4. For DSN 001-1, the range during composite for pH is obtained from only three grab samples. Please explain how Amerbelle is able to verify that the condition of paragraph 2.A.(1) of the permit (i.e., "The pH of the discharge shall not be less than 6.0 or greater than 10.0 at any time.") is being consistently met.

Deadline for verifying to the Department that violation has been corrected.

Immediately correct violation(s) A.1.a.- A.1.c. and address the item(s) listed under additional comments, and within 30 days from the date of issuance of this notice submit a Compliance Statement on a form prescribed by the Department (copy enclosed) describing how the above violations have been corrected, how the item(s) listed under additional comments have been addressed, and enclosing supporting documentation therefor. Until the Department has received such a statement, the Department will presume you continue to remain in violation. If received, the Department may consider this Compliance Statement when deciding whether to take an enforcement action concerning this/these violations.

- B.1. Compliance Statement. The Compliance Statement shall be signed by a responsible corporate officer/general partner or a duly authorized representative of such person, as those terms are defined in section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies and by the individual responsible for actually preparing such statement, each of whom shall read and sign the certification regarding false statements on the Compliance Statement. The Compliance Statement, and any questions, shall be directed to:

APPENDIX 3
-Air Discharge Permit

Air



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



October 14, 1983

REC'D 10-18-83
1 SET TO A.L.M.
1 SET TO POST
ORIGINALS ATTACHED

Mr. Abner L. Brooks
President
The Amerbelle Corp.
104 East Main Street
Rockville, Connecticut 06066

Dear Mr. Brooks:

Enclosed are your permits to construct and operate a Combustion Engineering Model 109 Thermal Oxidizer/Economizer at the above location.

These permit shall not be transferable from one permittee to another, from one location to another, or from one piece of equipment to another. The installation shall be operated in conformity with the submitted application and plans.

The permit to operate, which expires on March 1, 1986, in no way grants immunity from future legal action resulting from the failure of this unit to remain in compliance with existing air pollution regulations, nor does it exempt the aforementioned device from compliance with future Federal, State or local legislation. Application for the renewal of this operating permit must be made at least 120 days prior to the above expiration date.

The permit cards must be signed and posted for easy access at the site of operation. If you have any questions, please contact William Simpson, the engineer who evaluated your permit application, by calling 566-8230.

Sincerely yours,


Stanley J. Pac
Commissioner

SJP/mfl
Enc.

Phone:

165 Capitol Avenue • Hartford, Connecticut 06106

An Equal Opportunity Employer

PERMIT TO CONSTRUCT OPERATE RENEWAL OTHER _____



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

File for renewal 120 days before expiration date.

TOWN NO. 187	PREMISE NO. 0015	PERMIT NO. 0012	STACK NO. 22
------------------------	----------------------------	---------------------------	------------------------

EQUIPMENT CLASSIFICATION <input type="checkbox"/> FUEL BURNING <input type="checkbox"/> INCINERATOR <input checked="" type="checkbox"/> PROCESS MFG.	DATE ISSUED 10/14/83	EXPIRATION DATE 3/1/86
---------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------	----------------------------------

The following shall be constructed/operated in accordance with the specifications listed in the permit application, with the terms of the permit, and with all applicable sections of the Connecticut "Administrative Regulations for the Abatement of Air Pollution:"

EQUIPMENT DESCRIPTION (I.D.): **COMBUSTION ENGINEERING MODEL 109 THERMAL OXIDIZER/ECONOMIZER**

CONDITIONS:

- MINIMUM OPERATING TEMPERATURE: 1400° F.**
- BURNER CONDITIONS: One Maxon, Combustifume #4, 13 foot burner, 12,450 CFH natural gas; 20% excess air**
- MAXIMUM FLOW RATE: 86,084 ACFM @ 1400° F.**
- SOLVENT LOAD: 177 lb/hr mixture of alcohols, ketones & toluene**

Records indicating continual compliance with all above conditions must be kept on site at all times and made available upon departmental request for the duration of this permit.

APPLICANT NAME: **THE AMERBELLE CORP.**

EQUIPMENT (No. & Street, Town, Zip): **# EAST MAIN STREET, ROCKVILLE**

APPLICANT'S SIGNATURE <i>Robert G. ...</i>	COMMISSIONER OR HIS REPRESENTATIVE <i>Stanley J. ...</i>
-----------------------------------------------	-------------------------------------------------------------

Permit is invalid unless signed by Applicant, such signature constituting agreement to the conditions listed above.

APPLICANT

PERMIT TO CONSTRUCT OPERATE RENEWAL OTHER _____



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

File for renewal 120 days before expiration date.

TOWN NO. 187	PREMISE NO. 0015	PERMIT NO. 0012	STACK NO. 22
------------------------	----------------------------	---------------------------	------------------------

EQUIPMENT CLASSIFICATION		DATE ISSUED	EXPIRATION DATE
<input checked="" type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	<input checked="" type="checkbox"/> PROCESS MFG.	
		10/14/83	3/1/84

The following shall be constructed/operated in accordance with the specifications listed in the permit application, with the terms of the permit, and with all applicable sections of the Connecticut "Administrative Regulations for the Abatement of Air Pollution."

EQUIPMENT DESCRIPTION (I.D.): **COMBUSTION ENGINEERING MODEL 109 THERMAL OXIDIZER/ECONOMIZER**

CONDITIONS:

APPLICANT: **THE AMERBELLE CORP.**

EQUIPMENT (No. & Street, Town, Zip): **04 EAST MAIN STREET, ROCKVILLE**

APPLICANT'S SIGNATURE <i>Nata Bumbal</i>	COMMISSIONER OR HIS REPRESENTATIVE <i>Stanley J. Pace</i>
---------------------------------------------	--------------------------------------------------------------

Permit is invalid unless signed by Applicant, such signature constituting agreement to the conditions listed above.

APPLICANT

3. TYPE OF PERMIT (check all that apply):
 PERMIT TO CONSTRUCT
 PERMIT TO OPERATE
 REPLACEMENT
 ADDITION
 NEW INSTALLATION
 CHANGE OF ADDRESS
 CHANGE OF OWNERSHIP
 ALTERATION

4. FIRM: THE AMERBELLE CORPORATION
 BUSINESS ADDRESS (No. & Street, City or Town): 104 EAST MAIN ST., ROCKVILLE
 ZIP CODE: 06066
 PHONE: 875-3325
 5. DIVISION: N/A
 6. APPLICANT: ARNER L. BROOKS, PRESIDENT. SAME
 7. INSTALL.: 104 EAST MAIN ST. ROCKVILLE SAME

8. INCINERATOR
 ESTIMATE THE FOLLOWING DATES:
 START-UP OF CONSTRUCTION: JUNE 1981
 COMPLETION OF CONSTRUCTION: SEPT. 1982
 START-UP OF SYSTEM: SEPT. 1982
 Air pollution control Equipment used: YES NO
 (If "YES" file form EPAC-25 also)
 MANUFACTURER AND MODEL NO: COMBUSTION ENGINEERING MODEL 109 THERMAL OXIDIZER
 IF APPLICABLE, PREVIOUS PERMIT OR REGISTRATION NO FOR THIS SOURCE: 01870064 THROUGH -67
 TYPE OF GRATES: TRAVELING ROCKING RECIPROCATING OTHER (Specify)
 TYPE OF FEED: CONTINUOUS BATCH OTHER (Specify)
 TYPE OF DRAFT: FORCED INDUCED NATURAL
 EFFECTIVE GRATE AREA (Sq. Ft.): N/A
 Ins. W.C.

9. COMBUSTION
 OVERFIRE AIR CONTROL: YES NO
 TYPE: 1400 of TIME SWITCHED SMOKE INDICATOR MANUAL OTHER TEMPERATURE CONTROL SYSTEM TO RAISE INCINERATION TEMP. TO 1400F.
 NUMBER OF ONE BURNERS: 13
 NUMBER OF SECONDARY BURNERS: 1
 EXCESS AIR (%): 20
 COMBUSTION TEMPERATURE (°F): 1400
 BREACHING TEMPERATURE (°F): 470

10. TYPES OF AUXILIARY FUELS USED	FUEL	GRADES (x)	SULFUR CONTENT (%)	ASH CONTENT (%)	ANNUAL USAGE (Tons, gals. or cu.ft.)	MAXIMUM FIRING RATE (lbs, gals, cu.ft./hr.)	11. WASTE MATERIAL ENTERING	
							Proximate Analysis	Ultimate Analysis (Dry basis)
<input type="checkbox"/> OIL	Kerosene	2	%	%	19,800,000 CUBIC FEET	12,450 CU FT/HR	43.8-61% % Volatiles	% CARBON
		4	%	%			0 % Fixed Carbon	% NITROGEN
		5	%	%			0 % Ash	% SULFUR
		6	%	%			0 % Metals	% OXYGEN
			%	%			0 % Moisture	% HYDROGEN
<input checked="" type="checkbox"/> NAT. GAS							- %	% Ash
<input type="checkbox"/> OTHER							- %	%

12. WASTE MATERIAL ENTERING	MATERIAL	BTU/POUND	RATE OF BURNING		13. POLLUTANTS EMITTED (Without Control Equipment)	MATERIAL	RATE OF EMISSIONS		METHOD USED TO DETERMINE EMISSIONS
			Amount	Units			Amount	Units	
	MIXTURE OF ALCOHOLS, KETONES & TOLUENE	12,429		LBS/HR		ALCOHOLS, KETONES, TOLUENE	177	LBS/HR	KNOWING % SOLVENT WEIGHT IN MATERIAL AND TOTAL AMT. USED BASED RATE UPON HRI OPERATION. DATA FROM MANUFACTURER'S SPECIFICATIONS

14. STACK INFORMATION
 Are you submitting documentation of stack emissions? YES NO
 STACK EXIT FLOW RATE (ACFM): Maximum 86084 ACFM AT 1400F
 No. of sampling ports Provided: NONE
 Nearest distance from sampling port to stack outlet, bend or obstruction: N/A
 DOWNSTREAM (ft.): N/A
 UPSTREAM (ft.): N/A
 LIST OTHER SOURCES VENTED TO STACK: NONE
 STACK EXIT DIRECTION: HORIZ. VERT.
 STACK EXIT DIMENSIONS: I.D. 48 in. OR in X in.
 STACK HEIGHT (Feet): 35
 IS STACK EQUIPPED WITH RAIN HAT? YES NO
 STACK EXIT TEMPERATURE (°F): 470
 SMOKE INDICATOR IN STACK: YES NO
 MAKE AND MODEL NO. OF INDICATOR: N/A
 STACK LINING: METAL REFRACTORY OTHER (Specify)

15. STACK LOCATION
 Name of nearest intersecting street: BROOKLYN ST.
 Distance to stack from intersection: 50 FT.
 DIRECTION TO STACK: (circle one) N, NE, E, SE, S, SW, W, NW

16. CERTIFICATION
 I certify that I have examined the above information and that to the best of my knowledge it is true and complete. (Signature subjects signer to provisions of the General Statutes regarding false and misleading statements.)
 SIGNED: Arner L. Brooks
 NAME: ARNER L. BROOKS
 TITLE: PRESIDENT
 DATE: 7/26/83

Air



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



JUL 18 2003

Mr. William R. Horowitz
President
Amerbelle Corporation
104 East Main Street
P.O. Box 150
Vernon, Connecticut 06066-0150

Dear Mr. Horowitz:

Enclosed is your original approval of registration authorizing operation of your premises under the provisions of the General Permit to Limit Potential to Emit from Major Stationary Sources of Air Pollution ("General Permit").

This letter does not relieve you of the responsibility to comply with the requirements of other applicable Federal, State, and municipal agencies. This registration may be transferred only in accordance with section 22a-60 of the General Statutes and any other applicable law. The approval of registration and General Permit should be posted for easy access at the site of operation.

A copy of the General Permit is enclosed for your reference. Compliance with the terms and conditions of this general permit requires record keeping and reporting as detailed in Section 4, *Conditions of this General Permit*. Failure to maintain records demonstrating continuing eligibility for coverage under this General Permit may result in enforcement action.

Registration renewals must be filed at least one hundred twenty (120) days prior to the expiration date. Questions or concerns regarding coverage under the General Permit should be discussed with Mr. Kiernan J. Wholean of the Bureau of Air Management, by calling (860) 424-3425.

Sincerely,

A handwritten signature in cursive script that reads "Gary S. Rose".

Gary S. Rose
Director
Engineering & Technical Services Division
Bureau of Air Management

GSR:KJW:jad
Enclosure



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

Approval of Registration for
General Permit to Limit Potential to Emit
from Major Stationary Sources of Air Pollution

Name of Premises: Amerbelle Corporation
Location of Premises: 104 East Main Street, Vernon, CT
Owner: Amerbelle Corporation
Registrant: Amerbelle Corporation
Address of Registrant: 104 East Main Street, P.O. Box 150, Vernon, CT 06066-0150
Premises Subject to RCSA Section 22a-174-32, VOC RACT: Yes No

Pollutants with actual emissions at or above 50% of the emission limitation specified in Section 4(a) of the general permit at the time of registration submittal:

PM₁₀ SO_x NO_x VOC CO Pb HAP(aggr.) HAP(Toluene)

The owner is hereby authorized to operate this premises in accordance with the General Permit to Limit Potential to Emit from Major Stationary Sources of Air Pollution issued by the Department on March 29, 2001. (See Section 4 of the GPLPE, beginning on page 7, for emission limitations, record keeping and reporting requirements.)

This approval of registration will expire on March 29, 2006.

07-18-03
Effective Date
of Approval

Gary S. Rose
Gary S. Rose
Director
Engineering & Technical Services Division
Bureau of Air Management

Application No. 200301703
Registration No. 187-0038-GPLPE

A ✓



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



JUL 23 2003

Mr. William R. Horowitz
President
Amerbelle Corporation
104 East Main Street
Vernon, Connecticut 06066

Dear Mr. Horowitz:

Enclosed is a certified copy of your original modified permits to construct and operate the Wickes and Titusville boilers at the above location.

This letter does not relieve you of the responsibility to comply with the requirements of other appropriate Federal, State, and municipal agencies. The permit is not transferable from one permittee to another (without prior written approval), from one location to another, or from one piece of equipment to another. The permit must be posted for easy access at the site of operation.

Permit renewal applications must be filed at least one hundred twenty (120) days prior to the permit expiration date, if applicable. Pursuant to Section 22a-174-3a of the Regulations of Connecticut State Agencies, Amerbelle Corporation must apply for a permit modification/revision in writing if it plans any physical change, change in method of operation, or addition to this source which constitutes a modification or revision pursuant to Section 22a-174-1 and 22a-174-2a, respectively. Any such changes should first be discussed with Mr. Kiernan Wholean of the Bureau of Air Management, by calling (860) 424-3425. Such changes shall not commence prior to the issuance of a permit modification.

Sincerely,

Gary S. Rose
Director
Engineering and Technical Services Division
Bureau of Air Management

GSR:jad
Enclosure



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

NEW SOURCE REVIEW PERMIT
TO CONSTRUCT AND OPERATE
A STATIONARY SOURCE

Issued pursuant to Title 22a of the Connecticut General Statutes and Section 22a-174-3a of the Regulations of Connecticut State Agencies.

Permittee:	Amerbelle Corporation
Address:	104 East Main Street Vernon, Connecticut 06066
Equipment Location:	104 East Main Street Vernon, Connecticut 06066
Equipment Description:	50 MMBTU/HR WICKES BOILER BOILER #6

Permit Number:	0009
Town/Premises Numbers:	187/15
Original Permit Issue Date:	August 6, 1980 CP April 23, 1981 OP March 31, 2003 Modification
Modification Issue Date:	JUL 23 2003
Expiration Date:	None

Arthur J. Rocque, Jr.
Commissioner

7/23/03
Date

I CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL
Jamie Dougherty 7/23/03

ORIGINAL

PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

The conditions on all pages of this permit and attached appendices shall be verified at all times except those noted as design specifications. Design specifications need not be verified on a continuous basis; however, if requested by the Commissioner, demonstration of compliance shall be shown.

PART I. OPERATIONAL CONDITIONS

A. Allowable Fuel Types:

1. Natural Gas
2. Re-refined Waste Oil which meets the following specifications:
 - i. Sulfur content which does not exceed 0.4% by weight;
 - ii. Ash content which does not exceed 1.5% by weight;
 - iii. Arsenic content which does not exceed 1 ppm;
 - iv. Cadmium content which does not exceed 2 ppm;
 - v. Chromium content which does not exceed 10 ppm;
 - vi. Lead content which does not exceed 50 ppm;
 - vii. Total Halogen content which does not exceed 1000 ppm;
 - viii. Flash point which is greater than or equal to 100 degrees Fahrenheit; and
 - ix. Gravity of not less than 26, and not more than 39, API degrees at 60°F.

B. Fuel Firing Rates

1. Maximum Re-refined Waste Oil Consumption, in combination with the Titusville Boiler (permit #187-0010), over any Consecutive Twenty-Four Hour Period: 4800 gallons

Upon delivery of fuel with an ash content which exceeds 0.5% by weight, to a supply storage tank for either this unit or the Titusville Boiler, the maximum re-refined waste oil consumption specified above shall be further limited as follows:

$$[0.5 / A] * 4800 \text{ gallons}$$

where A is the highest percent ash (by weight) in the delivered fuel for any delivery since the fuel storage supply tank had last been demonstrated to be less than 0.5% in accordance with the paragraph below.

This limit shall not be lifted until the permittee fulfills the following conditions for each storage tank supplied with oil having an ash content exceeding 0.5%: the permittee obtains analytical data from a certified laboratory showing that the ash content of a sample of oil taken from the fuel supply storage tank does not exceed 0.5% by weight; and the permittee demonstrates that such sample is representative of the fuel in the supply storage tank.

2. Maximum Re-refined Waste Oil Consumption, in combination with the Titusville Boiler (permit #187-0010), over any hour: 443 gallons.

FIRM NAME: Amerbelle Corporation
 EQUIPMENT LOCATION: 104 East Main Street, Vernon, CT
 EQUIPMENT DESCRIPTION (MODEL, I.D. #): Wickes Boiler #6

Town No: 187

Premise No: 015

Permit No: 0009

Stack No: 18

ORIGINAL

PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

PART I. OPERATIONAL CONDITIONS, continued

Design Specifications

- A. Maximum Fuel Firing Rate(s): 342 gallons of oil per hour;
49,019 standard cubic feet of gas per hour
- B. Maximum Gross Heat Input (MM BTU/hr): 50
- C. Minimum Stack Height (ft): 120 feet
- D. Minimum Distance from Stack to Property Line (ft): 80

PART II. MONITORING, REPORTING AND RECORD KEEPING REQUIREMENTS

- A. The permittee shall install, operate and maintain fuel metering devices to continuously monitor the quantity and types of all fuel fed to this permitted unit and the unit permitted under permit #187-0010.
- B. The permittee shall make and keep records of hourly fuel oil usage. The permittee shall total the fuel oil usage by this unit and the unit permitted under permit #187-0010 over each hour and each consecutive twenty-four hour period.
- C. The permittee shall make and keep records of the total daily natural gas usage by this unit and the unit permitted under permit #187-0010 for each day.
- D. Annual fuel consumption shall be based on any consecutive twelve (12) month time period and shall be determined by adding (for each fuel type) the current month's fuel usage to that of the previous eleven (11) months. The Permittee shall make these calculations monthly.
- E. Each oil fuel shipment for this equipment shall include a shipping receipt from the fuel supplier and a certification from the fuel supplier certifying the type of fuel in the shipment and the weight percent of sulfur in the fuel. The shipping receipt and/or certification shall include the name of the oil supplier, the sulfur content of the oil and the method used to determine the sulfur content of the oil. The Permittee shall maintain records of each shipping receipt and certification.
- F. The permittee shall certify in writing that each re-refined waste oil fuel shipment for this equipment satisfies each of the criteria listed in Part I.A.2 of this permit. Such certification shall include documentation of test methods and results used as basis for making such demonstration.
- G. The Permittee shall keep records documenting the results of all analyses and tests conducted under any permit issued for the unit.
- H. The permittee shall make and keep records to determine whether the actual emissions of NOx from all equipment on the premises are in excess of 274 pounds per day for any day from May 1 to September 30, inclusive.

FIRM NAME: Amerbelle Corporation
 EQUIPMENT LOCATION: 104 East Main Street, Vernon, CT
 EQUIPMENT DESCRIPTION (MODEL, I.D. #): Wickes Boiler #6

Town No: 187

Premise No: 015

Permit No: 0009

Stack No: 18

ORIGINAL

PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

PART II. MONITORING, REPORTING AND RECORD KEEPING REQUIREMENTS, cont.

- I. The permittee shall make and keep monthly and annual records to determine whether the actual emissions of NOx from all equipment on the premises are in excess of 50 tons in any calendar year.
- J. All records shall indicate the date and time of occurrence of the recorded event.
- K. The permittee is and will be required to review all recorded data daily and report to the Commissioner within three working days the details of any exceedance of an emission limit and any apparent deviations from any conditions of this permit.
- L. The Permittee shall keep all records on premise at all times and shall make them available upon request by the Commissioner. Such records shall be maintained for a period of at least five (5) years from the making of such record.

PART III. STACK EMISSION TEST REQUIREMENTS

- A. The permittee shall conduct Bureau approved emissions testing of this unit by October 1, 2003, and at least once every five years thereafter.
 - 1. Such testing shall be designed to determine the emissions, as pounds per hour, of each of the following pollutants: total particulate (with speciated reporting for Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel, Phosphorus, Selenium, Silver, Thallium and Zinc), nitrogen oxides, carbon monoxide, sulfur oxides, and sulfuric acid.
 - 2. The particulate emissions tests shall be designed to determine emissions as pounds of particulate emitted per million BTU of heat input.
 - 3. Each test shall be conducted to determine the worst case emissions from this unit.
 - 4. Each test shall be conducted for all of the above pollutants while firing re-refined waste oil.
 - 5. Each test shall be conducted without benefit of any device that may reduce or control pollutant emissions from this unit.
- B. Each such test shall be conducted in accordance with an Intent-to-Test (ITT) package consisting of an ITT form and a test protocol submitted by the permittee and approved, in writing, by the Bureau.
- C. The permittee shall submit each Intent-to-Test (ITT) package to the Stack Test Group of the Bureau of Air Management at least three months prior to the proposed source test date.

FIRM NAME: Amerbelle Corporation
 EQUIPMENT LOCATION: 104 East Main Street, Vernon, CT
 EQUIPMENT DESCRIPTION (MODEL, I.D. #): Wickes Boiler #6

Town No: 187

Premise No: 015

Permit No: 0009

Stack No: 18

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PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF AIR MANAGEMENT

PART III. STACK EMISSION TEST REQUIREMENTS, continued

- D. The permittee shall submit an acceptable test report to the Bureau within thirty (30) days of the completion of each test. The permittee shall respond to any test report deficiency within fifteen (15) days of notification by the Bureau.
- E. In the event that the stack test report is unacceptable, or the tested values show that the source is not in compliance with applicable permit conditions or regulations, this permit may be revoked.
- F. The permittee shall send submittals made related to the above source test requirements to the Bureau's Stack Test Group. Additionally, the permittee shall send one copy of each submittal to the Bureau's Compliance Analysis and Coordination Unit.
- G. The Bureau may require, as condition of approval of the ITT package, that testing be conducted under specific conditions which may have occurred historically at the facility.
- H. All proposed test methods shall comply with appropriate Federal test methods or methods acceptable to the Bureau. The ITT package must demonstrate compliance with applicable requirements of the Code of Federal Regulations (CFR) Title 40 Parts 51, 60 and 61. Any proposed test methods that deviate from those specified in these regulations must be approved by the Bureau prior to stack testing. All sampling ports shall be installed and located in compliance with 40 CFR Part 60 Appendix A, Method 1. Final plans showing the location of all sampling ports shall be submitted with the ITT package to the Air Bureau's Stack Test Group for approval prior to stack testing.
- I. An inspection of the source may be conducted to verify that appropriate instrumentation is available, and to determine the source process parameters, indicative of compliant operation, to be monitored during stack testing. Once the ITT package is approved, the owner/operator shall be notified, in writing, by the Bureau's Stack Test Group.

PART IV. ALLOWABLE EMISSION LIMITS

The Permittee shall not allow this permitted boiler to exceed the emission limits stated herein at any time.

While firing natural gas:

Criteria Pollutants	#/hr	#/MM BTU
PM	0.37	0.10
SOx	0.03	
NOx	4.90	
TOC	0.54	
CO	4.12	

FIRM NAME: Amerbelle Corporation
 EQUIPMENT LOCATION: 104 East Main Street, Vernon, CT
 EQUIPMENT DESCRIPTION (MODEL, I.D. #): Wickes Boiler #6

Town No: 187

Premise No: 015

Permit No: 0009

Stack No: 18

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PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

PART IV. ALLOWABLE EMISSION LIMITS, continued

While firing re-refined waste oil:

<u>Criteria Pollutants</u>	<u>#/hr</u>	<u>#/MM BTU</u>
PM	10.94	0.10
SOx	20.11	
NOx	6.50	
TOC	0.34	
CO	1.71	
Pb	0.09	

Total Annual Emissions from this permitted unit together with the Titusville Boiler (Permit #187-0010):

<u>Criteria Pollutants</u>	<u>TPY</u>
PM	30.00
SOx	51.66
NOx	42.59
TOC	3.92
CO	29.94
Pb	0.24

The total emissions of NOx from the entire premises is further limited as follows:

50 tons per year; 274 pounds per day during the ozone season.

This source shall not exceed the Maximum Allowable Stack Concentration (MASC) for any pollutant listed in Table 29-1 of Section 22a-174-29 of the Regulations.

Demonstration of compliance with the above emission limits shall be met through monitoring data required by this permit and by calculating the emissions using factors from the most recent source test data approved by the Department. Where source test data is unavailable, the permittee shall use data from the equipment and fuel vendors. Where source test data and vendor data are unavailable, the permittee shall use data from EPA's AP-42 emission factors document.

The above statement shall not preclude the Commissioner from requiring other means (e.g. stack testing) to demonstrate compliance with the above emission limits, as allowed by state or federal statute, law or regulation.

FIRM NAME:	Amerbelle Corporation
EQUIPMENT LOCATION:	104 East Main Street, Vernon, CT
EQUIPMENT DESCRIPTION (MODEL, I.D. #):	Wickes Boiler #6

Town No: 187

Premise No: 015

Permit No: 0009

Stack No: 18

ORIGINAL

PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

PART V. SPECIAL REQUIREMENTS

A. The Permittee shall operate and maintain this equipment in accordance with the manufacturer's specifications and written recommendations.

B. Noise

The Permittee shall operate this facility at all times in a manner so as not to violate or contribute significantly to the violation of any applicable state noise control regulations; as set forth in Sections 22a-69-1 through 22a-69-7.4 of the Regulations.

C. The Permittee shall comply with all applicable parts of the "Standards for the Management of Used Oil" under 40 CFR 279.

PART VI. ADDITIONAL TERMS AND CONDITIONS

A. This permit does not relieve the permittee of the responsibility to conduct, maintain and operate the regulated activity in compliance with all applicable requirements of any federal, municipal or other state agency. Nothing in this permit shall relieve the permittee of other obligations under applicable federal, state and local law.

B. Any representative of the DEP may enter the permittee's site in accordance with constitutional limitations at all reasonable times without prior notice, for the purposes of inspecting, monitoring and enforcing the terms and conditions of this permit and applicable state law.

C. This permit may be revoked, suspended, modified or transferred in accordance with applicable law.

D. This permit is subject to and in no way derogates from any present or future property rights or other rights or powers of the State of Connecticut and conveys no property rights in real estate or material, nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the facility or regulated activity affected thereby. This permit shall neither create nor affect any rights of persons or municipalities who are not parties to this permit.

E. Any document, including any notice, which is required to be submitted to the Commissioner under this permit shall be signed by a duly authorized representative of the permittee and by the person who is responsible for actually preparing such document, each of whom shall certify in writing as follows: "I have personally examined and am familiar with the information submitted in the documents and all attachments and certify

FIRM NAME: Amerbelle Corporation
EQUIPMENT LOCATION: 104 East Main Street, Vernon, CT
EQUIPMENT DESCRIPTION (MODEL, I.D. #): Wickes Boiler #6

Town No: 187

Premise No: 015

Permit No: 0009

Stack No: 18

ORIGINAL

PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

PART VI. ADDITIONAL TERMS AND CONDITIONS, continued:

that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statement made in this document or its attachments may be punishable as a criminal offense." Any false statement in any information submitted pursuant to this permit may be punishable as a criminal offense in accordance with Connecticut General Statutes §22a-6, under §53a-157 of the Connecticut General Statutes.

- F. Nothing in this permit shall affect the Commissioner's authority to institute any proceeding or take any other action to prevent or abate violations of law, prevent or abate pollution, recover costs and natural resource damages, and to impose penalties for violations of law, including but not limited to violations of this or any other permit issued to the permittee by the Commissioner.
- G. Within fifteen days of the date the permittee becomes aware of a change in any information submitted to the Commissioner under this permit, or that any such information was inaccurate or misleading or that any relevant information was omitted, the permittee shall submit the correct or omitted information to the Commissioner.
- H. The date of submission to the Commissioner of any document required by this permit shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this permit, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in this permit, the word "day" means calendar day. Any document or action which is required by this permit to be submitted or performed by a date which falls on a Saturday, Sunday or legal holiday shall be submitted or performed by the next business day thereafter.
- I. Any document required to be submitted to the Commissioner under this permit shall, unless otherwise specified in writing by the Commissioner, be directed to: Office of Assistant Director; Compliance & Field Operations Division; Bureau of Air Management; Department of Environmental Protection; 79 Elm Street, 5th Floor; Hartford, Connecticut 06106-5127.

FIRM NAME: Amerbelle Corporation
EQUIPMENT LOCATION: 104 East Main Street, Vernon, CT
EQUIPMENT DESCRIPTION (MODEL, I.D. #): Wickes Boiler #6

Town No: 187

Premise No: 015

Permit No: 0009

Stack No: 18



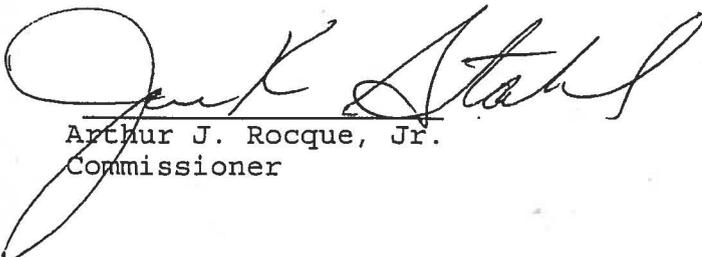
STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

NEW SOURCE REVIEW PERMIT
TO CONSTRUCT AND OPERATE
A STATIONARY SOURCE

Issued pursuant to Title 22a of the Connecticut General Statutes and Section 22a-174-3a of the Regulations of Connecticut State Agencies.

Permittee:	Amerbelle Corporation
Address:	104 East Main Street Vernon, Connecticut 06066
Equipment Location:	104 East Main Street Vernon, Connecticut 06066
Equipment Description:	33 MMBTU/HR TITUTVILLE BOILER BOILER #5

Permit Number:	0010
Town/Premises Numbers:	187/15
Original Permit Issue Date:	August 6, 1980 CP April 23, 1981 OP March 31, 2003 Modification
Modification Issue Date:	JUL 23 2003
Expiration Date:	None


Arthur J. Rocque, Jr.
Commissioner

7/23/03
Date

I CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL
Jamie Dougherty 7/23/03

ORIGINAL

PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF AIR MANAGEMENT

The conditions on all pages of this permit and attached appendices shall be verified at all times except those noted as design specifications. Design specifications need not be verified on a continuous basis; however, if requested by the Commissioner, demonstration of compliance shall be shown.

PART I. OPERATIONAL CONDITIONS

A. Allowable Fuel Types:

1. Natural Gas
2. Re-refined Waste Oil which meets the following specifications:
 - i. Sulfur content which does not exceed 0.4% by weight;
 - ii. Ash content which does not exceed 1.5% by weight;
 - iii. Arsenic content which does not exceed 1 ppm;
 - iv. Cadmium content which does not exceed 2 ppm;
 - v. Chromium content which does not exceed 10 ppm;
 - vi. Lead content which does not exceed 50 ppm;
 - vii. Total Halogen content which does not exceed 1000 ppm;
 - viii. Flash point which is greater than or equal to 100 degrees Fahrenheit.
 - ix. Gravity of not less than 26, and not more than 39, API degrees at 60°F.

B. Fuel Firing Rates

1. Maximum Re-refined Waste Oil Consumption, in combination with the Wickes Boiler (permit #187-0009), over any Consecutive Twenty-Four Hour Period: 4800 gallons

Upon delivery of fuel with an ash content which exceeds 0.5% by weight, to a supply storage tank for either this unit or the Wickes Boiler, the maximum re-refined waste oil consumption specified above shall be further limited as follows:

$$[0.5 / A] * 4800 \text{ gallons}$$

where A is the highest percent ash (by weight) in the delivered fuel for any delivery since the fuel storage supply tank had last been demonstrated to be less than 0.5% in accordance with the paragraph below.

This limit shall not be lifted until the permittee fulfills the following conditions for each storage tank supplied with oil having an ash content exceeding 0.5%: the permittee obtains analytical data from a certified laboratory showing that the ash content of a sample of oil taken from the fuel supply storage tank does not exceed 0.5% by weight; and the permittee demonstrates that such sample is representative of the fuel in the supply storage tank.

2. Maximum Re-refined Waste Oil Consumption, in combination with the Wickes Boiler (permit #187-0009), over any hour: 443 gallons.

FIRM NAME: Amerbelle Corporation

EQUIPMENT LOCATION: 104 East Main Street, Vernon, CT

EQUIPMENT DESCRIPTION (MODEL, I.D. #): Titusville Boiler #5

Town No: 187

Premise No: 015

Permit No: 0010

Stack No: 18

ADICINAL

PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

PART I. OPERATIONAL CONDITIONS, continued

Design Specifications

- A. Maximum Fuel Firing Rate(s): 226 gallons of oil per hour;
32,353 standard cubic feet of gas per hour
- B. Maximum Gross Heat Input (MM BTU/hr): 33
- C. Minimum Stack Height (ft): 120 feet
- D. Minimum Distance from Stack to Property Line (ft): 80

PART II. MONITORING, REPORTING AND RECORD KEEPING REQUIREMENTS

- A. The permittee shall install, operate and maintain fuel metering devices to continuously monitor the quantity and types of all fuel fed to this permitted unit and the unit permitted under permit #187-0009.
- B. The permittee shall make and keep records of hourly fuel oil usage. The permittee shall total the fuel oil usage by this unit and the unit permitted under permit #187-0009 over each hour and each consecutive twenty-four hour period.
- C. The permittee shall make and keep records of the total daily natural gas usage by this unit and the unit permitted under permit #187-0009 for each day.
- D. Annual fuel consumption shall be based on any consecutive twelve (12) month time period and shall be determined by adding (for each fuel type) the current month's fuel usage to that of the previous eleven (11) months. The Permittee shall make these calculations monthly.
- E. Each oil fuel shipment for this equipment shall include a shipping receipt from the fuel supplier and a certification from the fuel supplier certifying the type of fuel in the shipment and the weight percent of sulfur in the fuel. The shipping receipt and/or certification shall include the name of the oil supplier, the sulfur content of the oil and the method used to determine the sulfur content of the oil. The Permittee shall maintain records of each shipping receipt and certification.
- F. The permittee shall certify in writing that each re-refined waste oil fuel shipment for this equipment satisfies each of the criteria listed in Part I.A.2 of this permit. Such certification shall include documentation of test methods and results used as basis for making such demonstration.
- G. The Permittee shall keep records documenting the results of all analyses and tests conducted under any permit issued for the unit.
- H. The permittee shall make and keep records to determine whether the actual emissions of NOx from all equipment on the premises are in excess of 274 pounds per day for any day from May 1 to September 30, inclusive.

FIRM NAME: Amerbelle Corporation
 EQUIPMENT LOCATION: 104 East Main Street, Vernon, CT
 EQUIPMENT DESCRIPTION (MODEL, I.D. #): Titusville Boiler #5

Town No: 187

Premise No: 015

Permit No: 0010

Stack No: 18

PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

PART II. MONITORING, REPORTING AND RECORD KEEPING REQUIREMENTS, cont.

- I. The permittee shall make and keep monthly and annual records to determine whether the actual emissions of NOx from all equipment on the premises are in excess of 50 tons in any calendar year.
- J. All records shall indicate the date and time of occurrence of the recorded event.
- K. The permittee is and will be required to review all recorded data daily and report to the Commissioner within three working days the details of any exceedance of an emission limit and any apparent deviations from any conditions of this permit.
- L. The Permittee shall keep all records on premise at all times and shall make them available upon request by the Commissioner. Such records shall be maintained for a period of at least five (5) years from the making of such record.

PART III. STACK EMISSION TEST REQUIREMENTS

- A. The permittee shall conduct Bureau approved emissions testing of this unit by October 1, 2003, and at least once every five years thereafter.
 - 1. Such testing shall be designed to determine the emissions, as pounds per hour, of each of the following pollutants: total particulate (with speciated reporting for Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel, Phosphorus, Selenium, Silver, Thallium and Zinc), nitrogen oxides, carbon monoxide, sulfur oxides, and sulfuric acid.
 - 2. The particulate emissions tests shall be designed to determine emissions as pounds of particulate emitted per million BTU of heat input.
 - 3. Each test shall be conducted to determine the worst case emissions from this unit.
 - 4. Each test shall be conducted for all of the above pollutants while firing re-refined waste oil.
 - 5. Each test shall be conducted without benefit of any device that may reduce or control pollutant emissions from this unit.
- B. Each such test shall be conducted in accordance with an Intent-to-Test (ITT) package consisting of an ITT form and a test protocol submitted by the permittee and approved, in writing, by the Bureau.
- C. The permittee shall submit each Intent-to-Test (ITT) package to the Stack Test Group of the Bureau of Air Management at least three months prior to the proposed source test date.

FIRM NAME: Amerbelle Corporation
 EQUIPMENT LOCATION: 104 East Main Street, Vernon, CT
 EQUIPMENT DESCRIPTION (MODEL, I.D. #): Titusville Boiler #5

Town No: 187

Premise No: 015

Permit No: 0010

Stack No: 18

ORIGINAL

PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

PART III. STACK EMISSION TEST REQUIREMENTS, continued

- D. The permittee shall submit an acceptable test report to the Bureau within thirty (30) days of the completion of each test. The permittee shall respond to any test report deficiency within fifteen (15) days of notification by the Bureau.
- E. In the event that the stack test report is unacceptable, or the tested values show that the source is not in compliance with applicable permit conditions or regulations, this permit may be revoked.
- F. The permittee shall send submittals made related to the above source test requirements to the Bureau's Stack Test Group. Additionally, the permittee shall send one copy of each submittal to the Bureau's Compliance Analysis and Coordination Unit.
- G. The Bureau may require, as condition of approval of the ITT package, that testing be conducted under specific conditions which may have occurred historically at the facility.
- H. All proposed test methods shall comply with appropriate Federal test methods or methods acceptable to the Bureau. The ITT package must demonstrate compliance with applicable requirements of the Code of Federal Regulations (CFR) Title 40 Parts 51, 60 and 61. Any proposed test methods that deviate from those specified in these regulations must be approved by the Bureau prior to stack testing. All sampling ports shall be installed and located in compliance with 40 CFR Part 60 Appendix A, Method 1. Final plans showing the location of all sampling ports shall be submitted with the ITT package to the Air Bureau's Stack Test Group for approval prior to stack testing.
- I. An inspection of the source may be conducted to verify that appropriate instrumentation is available, and to determine the source process parameters, indicative of compliant operation, to be monitored during stack testing. Once the ITT package is approved, the owner/operator shall be notified, in writing, by the Bureau's Stack Test Group.

PART IV. ALLOWABLE EMISSION LIMITS

The Permittee shall not allow this permitted boiler to exceed the emission limits stated herein at any time.

While firing natural gas:

Criteria Pollutants	#/hr	#/MM BTU
PM	0.25	0.10
SOx	0.02	
NOx	3.24	
TOC	0.36	
CO	2.72	

FIRM NAME: Amerbelle Corporation

EQUIPMENT LOCATION: 104 East Main Street, Vernon, CT

EQUIPMENT DESCRIPTION (MODEL, I.D. #): Titusville Boiler #5

Town No: 187

Premise No: 015

Permit No: 0010

Stack No: 18

PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

PART IV. ALLOWABLE EMISSION LIMITS, continued

While firing re-refined waste oil:

<u>Criteria Pollutants</u>	<u>#/hr</u>	<u>#/MM BTU</u>
PM	7.23	0.10
SOx	13.29	
NOx	4.29	
TOC	0.23	
CO	1.13	
Pb	0.06	

Total Annual Emissions from this permitted unit together with the Wickes Boiler (Permit #187-0009):

<u>Criteria Pollutants</u>	<u>TPY</u>
PM	30.00
SOx	51.66
NOx	42.59
TOC	3.92
CO	29.94
Pb	0.24

The total emissions of NOx from the entire premises is further limited as follows:

50 tons per year; 274 pounds per day during the ozone season.

This source shall not exceed the Maximum Allowable Stack Concentration (MASC) for any pollutant listed in Table 29-1 of Section 22a-174-29 of the Regulations.

Demonstration of compliance with the above emission limits shall be met through monitoring data required by this permit and by calculating the emissions using factors from the most recent source test data approved by the Department. Where source test data is unavailable, the permittee shall use data from the equipment and fuel vendors. Where source test data and vendor data are unavailable, the permittee shall use data from EPA's AP-42 emission factors document.

The above statement shall not preclude the Commissioner from requiring other means (e.g. stack testing) to demonstrate compliance with the above emission limits, as allowed by state or federal statute, law or regulation.

FIRM NAME: Amerbelle Corporation
EQUIPMENT LOCATION: 104 East Main Street, Vernon, CT
EQUIPMENT DESCRIPTION (MODEL, I.D. #): Titusville Boiler #5

Town No: 187

Premise No: 015

Permit No: 0010

Stack No: 18

ORIGINAL

PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

PART V. SPECIAL REQUIREMENTS

A. The Permittee shall operate and maintain this equipment in accordance with the manufacturer's specifications and written recommendations.

B. *Noise*

The Permittee shall operate this facility at all times in a manner so as not to violate or contribute significantly to the violation of any applicable state noise control regulations, as set forth in Sections 22a-69-1 through 22a-69-7.4 of the Regulations.

C. The Permittee shall comply with all applicable parts of the "Standards for the Management of Used Oil" under 40 CFR 279.

PART VI. ADDITIONAL TERMS AND CONDITIONS

A. This permit does not relieve the permittee of the responsibility to conduct, maintain and operate the regulated activity in compliance with all applicable requirements of any federal, municipal or other state agency. Nothing in this permit shall relieve the permittee of other obligations under applicable federal, state and local law.

B. Any representative of the DEP may enter the permittee's site in accordance with constitutional limitations at all reasonable times without prior notice, for the purposes of inspecting, monitoring and enforcing the terms and conditions of this permit and applicable state law.

C. This permit may be revoked, suspended, modified or transferred in accordance with applicable law.

D. This permit is subject to and in no way derogates from any present or future property rights or other rights or powers of the State of Connecticut and conveys no property rights in real estate or material, nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the facility or regulated activity affected thereby. This permit shall neither create nor affect any rights of persons or municipalities who are not parties to this permit.

E. Any document, including any notice, which is required to be submitted to the Commissioner under this permit shall be signed by a duly authorized representative of the permittee and by the person who is responsible for actually preparing such document, each of whom shall certify in writing as follows: "I have personally examined and am familiar with the information submitted in the documents and all attachments and certify

FIRM NAME: Amerbelle Corporation
EQUIPMENT LOCATION: 104 East Main Street, Vernon, CT
EQUIPMENT DESCRIPTION (MODEL, I.D. #): Titusville Boiler #5

Town No: 187

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ORIGINAL

PERMIT FOR FUEL BURNING EQUIPMENT

STATE OF CONNECTICUT, DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT

PART VI. ADDITIONAL TERMS AND CONDITIONS, continued:

that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statement made in this document or its attachments may be punishable as a criminal offense." Any false statement in any information submitted pursuant to this permit may be punishable as a criminal offense in accordance with Connecticut General Statutes §22a-6, under §53a-157 of the Connecticut General Statutes.

- F. Nothing in this permit shall affect the Commissioner's authority to institute any proceeding or take any other action to prevent or abate violations of law, prevent or abate pollution, recover costs and natural resource damages, and to impose penalties for violations of law, including but not limited to violations of this or any other permit issued to the permittee by the Commissioner.
- G. Within fifteen days of the date the permittee becomes aware of a change in any information submitted to the Commissioner under this permit, or that any such information was inaccurate or misleading or that any relevant information was omitted, the permittee shall submit the correct or omitted information to the Commissioner.
- H. The date of submission to the Commissioner of any document required by this permit shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this permit, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in this permit, the word "day" means calendar day. Any document or action which is required by this permit to be submitted or performed by a date which falls on a Saturday, Sunday or legal holiday shall be submitted or performed by the next business day thereafter.
- I. Any document required to be submitted to the Commissioner under this permit shall, unless otherwise specified in writing by the Commissioner, be directed to: Office of Assistant Director; Compliance & Field Operations Division; Bureau of Air Management; Department of Environmental Protection; 79 Elm Street, 5th Floor; Hartford, Connecticut 06106-5127.

FIRM NAME: Amerbelle Corporation
EQUIPMENT LOCATION: 104 East Main Street, Vernon, CT
EQUIPMENT DESCRIPTION (MODEL, I.D. #): Titusville Boiler #5

Town No: 187

Premise No: 015

Permit No: 0010

Stack No: 18

ORIGINAL

APPENDIX 4
ENVIRONMENTAL DATA RESOURCES REPORT





The EDR Radius Map with GeoCheck[®]

**Amerbelle Corporation
104 East Main Street
Vernon, CT 06066**

Inquiry Number: 1110231.2s

January 12, 2004

***The Source* For Environmental Risk Management Data**

**3530 Post Road
Southport, Connecticut 06890**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

104 EAST MAIN STREET
VERNON, CT 06066

COORDINATES

Latitude (North): 41.867400 - 41° 52' 2.6"
Longitude (West): 72.442700 - 72° 26' 33.7"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 712242.2
UTM Y (Meters): 4638003.0
Elevation: 487 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 41072-G4 ROCKVILLE, CT
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
104 EAST MAIN ST 104 EAST MAIN ST VERNON, CT	CT Spills	N/A
104 E. MAIN ST 104 E. MAIN ST VERNON, CT 06066	ERNS	N/A
104 EAST MAIN ST 104 EAST MAIN ST VERNON, CT	CT Spills	N/A
104 EAST MAIN ST 104 EAST MAIN ST VERNON, CT	CT Spills	N/A
104 E. MAIN ST. 104 E. MAIN ST. VERNON, CT 06066	ERNS	N/A
AMERBELLE CORPORATION 104 EAST MAIN STREET VERNON-ROCKVILLE, CT 06066	UST	N/A

EXECUTIVE SUMMARY

AMERBELLE CORP THE 104 E MAIN ST VERNON, CT 06066	RCRIS-SQG FINDS TRIS	06066MRBLL10
AMERBELLE CORPORATION 104 EAST STREET VERNON, CT 06066	FTTS INSP	N/A
104 EAST MAIN STREET 104 EAST MAIN STREET VERNON, CT 06066	CT Spills	N/A
104 EAST MAIN ST. 104 EAST MAIN ST. VERNON, CT	CT Spills	N/A
104 EAST MAIN ST 104 EAST MAIN ST VERNON, CT	CT Spills	N/A
104 E. MAIN ST 104 E. MAIN ST VERNON, CT 06066	ERNS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
 Proposed NPL..... Proposed National Priority List Sites
 CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
 CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
 CORRACTS..... Corrective Action Report
 RCRIS-TSD..... Resource Conservation and Recovery Information System
 RCRIS-LQG..... Resource Conservation and Recovery Information System

STATE ASTM STANDARD

SHWS..... Inventory of Hazardous Disposal Sites
 SWF/LF..... List of Landfills/Transfer Stations
 SWRCY..... Recycling Facilities
 VCP..... Voluntary Remediation Sites

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees

EXECUTIVE SUMMARY

ROD.....	Records Of Decision
Delisted NPL.....	National Priority List Deletions
HMIRS.....	Hazardous Materials Information Reporting System
MLTS.....	Material Licensing Tracking System
MINES.....	Mines Master Index File
NPL Liens.....	Federal Superfund Liens
PADS.....	PCB Activity Database System
DOD.....	Department of Defense Sites
RAATS.....	RCRA Administrative Action Tracking System
TSCA.....	Toxic Substances Control Act
SSTS.....	Section 7 Tracking Systems

STATE OR LOCAL ASTM SUPPLEMENTAL

CT PROPERTY..... Property Transfer Filings

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

BROWNFIELDS DATABASES

VCP..... Voluntary Remediation Sites
INST CONTROL..... ELUR Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle,

EXECUTIVE SUMMARY

treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/10/2003 has revealed that there is 1 RCRIS-SQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>ANOCOIL CORPORATION</i>	<i>60 E. MAIN ST.</i>	<i>0 - 1/8 WNW C18</i>		<i>30</i>

STATE ASTM STANDARD

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Protection's Leaking Underground Storage Tank List.

A review of the LUST list, as provided by EDR, and dated 11/03/2003 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FORMER DRAKE SUNOCO	RTE. 74 / RTE. 31	0 - 1/8 E	B15	25
RUTH HOLLMAN	26 PLEASANT ST.	0 - 1/8 NNE	17	27
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>Not reported</i>	<i>168 EAST MAIN STREET</i>	<i>1/8 - 1/4 ESE</i>	<i>20</i>	<i>36</i>
<i>Not reported</i>	<i>85 PROSPECT ST.</i>	<i>1/4 - 1/2 WNW</i>	<i>31</i>	<i>50</i>

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Protection's "Town Inventory" UST Listing.

A review of the UST list, as provided by EDR, and dated 10/15/2003 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GROVE ST	1 GROVE ST	0 - 1/8 ENE	A13	22
PAUL ST GERMAIN	122 E. MAIN ST	0 - 1/8 ESE	B14	24
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>ANOCOIL CORPORATION</i>	<i>60 EAST MAIN STREET</i>	<i>0 - 1/8 WNW</i>	<i>C19</i>	<i>32</i>

FEDERAL ASTM SUPPLEMENTAL

US BROWNFIELDS: The EPA's listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 07/15/2003 has revealed that there

EXECUTIVE SUMMARY

are 3 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ROOSEVELT MILLS	215 EAST MAIN STREET	1/4 - 1/2 E	D24	41
ROOSEVELT MILLS	215 EAST MAIN STREET	1/4 - 1/2 E	D25	42
ROOSEVELT MILLS	215 EAST MAIN STREET	1/4 - 1/2 E	D27	44

STATE OR LOCAL ASTM SUPPLEMENTAL

A review of the SDADB list, as provided by EDR, and dated 09/05/2003 has revealed that there are 4 SDADB sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
APOLLO PACKAGING	20 MOUNTIAN ST	1/4 - 1/2 N	29	47

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ANOCOIL CORPORATION	60 EAST MAIN STREET	0 - 1/8 WNW C19		32
TRES BON DRIVE IN CLEANERS	20 EAST MAIN STREET	1/4 - 1/2 W	23	40
ROOSEVELT MILLS INC	215 E MAIN ST	1/4 - 1/2 E	D28	44

CT LWDS: The Leachate and Waste Water Discharge Inventory Data Layer (LWDS) includes point locations digitized from Leachate and Wastewater Discharge Source maps compiled by the Connecticut DEP.

A review of the LWDS list, as provided by EDR, and dated 09/22/1999 has revealed that there are 9 LWDS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ANO COIL	COOLING WTR -SURFACE	1/8 - 1/4 SW	21	39
AMERBELLE CORP.	COOLING WTR -SURFACE	1/8 - 1/4 S	22	40
ROCKVILLE WATER & AQUEDUCT CO.	BACKWASH WATER	1/2 - 1 ENE	32	53
MARK METAL FINISHING CORP.	COOLING WTR -SURFACE	1/2 - 1 E	33	54
TOWN OF VERNON	LANDFILL	1/2 - 1 S	34	54
NEW ENGLAND WOODCRAFTING	IND/MFG WASTEWTR DIS	1/2 - 1 S	36	55

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ROOSEVELT MILLS, INC.	COOLING WTR -GROUND	0 - 1/8 NW	16	27
ROCKVILLE WATER & AQUEDUCT CO.	INDUSTRIAL PIT	1/4 - 1/2 E	30	49
Not reported	INDUSTRIAL WASTEWTR	1/2 - 1 WSW	35	54

BROWNFIELDS DATABASES

US BROWNFIELDS: The EPA's listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 07/15/2003 has revealed that there

EXECUTIVE SUMMARY

are 3 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ROOSEVELT MILLS	215 EAST MAIN STREET	1/4 - 1/2E	D24	41
ROOSEVELT MILLS	215 EAST MAIN STREET	1/4 - 1/2E	D25	42
ROOSEVELT MILLS	215 EAST MAIN STREET	1/4 - 1/2E	D27	44

BROWNFIELDS: Brownfields Inventory From Connecticut Brownfields Redevelopment Authority.

A review of the Brownfields list, as provided by EDR, and dated 10/20/2003 has revealed that there is 1 Brownfields site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>Not reported</i>	<i>215 EAST MAIN STREET</i>	<i>1/4 - 1/2E</i>	<i>D26</i>	<i>42</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
MUNICIPAL LANDFILL	SHWS
NORTHEAST UTILITIES	SHWS
REFUSE GARDENS	CERCLIS, FINDS, SDADB
ROUTE 140	SWF/LF, CT Spills
HOCKANUM BOULEVARD	SWF/LF
RTE 83	CT Spills, LUST
GEORGETOWN COMMONS	LUST
GEORGETOWN COMMONS APTS.	LUST
CL&P	SDADB, LUST, CT PROPERTY
695 TALCOTVILLE RD BLDG #4	CT Spills, LUST
BURTON PHELPS	LUST
CLYDE CHEVROLET	LUST
GROVE HILL CEMETARY	UST
MANCHESTER CHRYSLER PLYMOUTH INCORPORATED	RCRIS-SQG, FINDS
YANKEE MACHINE CO	RCRIS-SQG, FINDS
LIPMAN VOLKSWAGEN INC	RCRIS-SQG, FINDS
CORBIN-GENTRY INC.	SDADB

OVERVIEW MAP - 1110231.2s - GeoDesign, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ▨ National Priority List Sites
- ▩ Landfill Sites
- ▧ Dept. Defense Sites

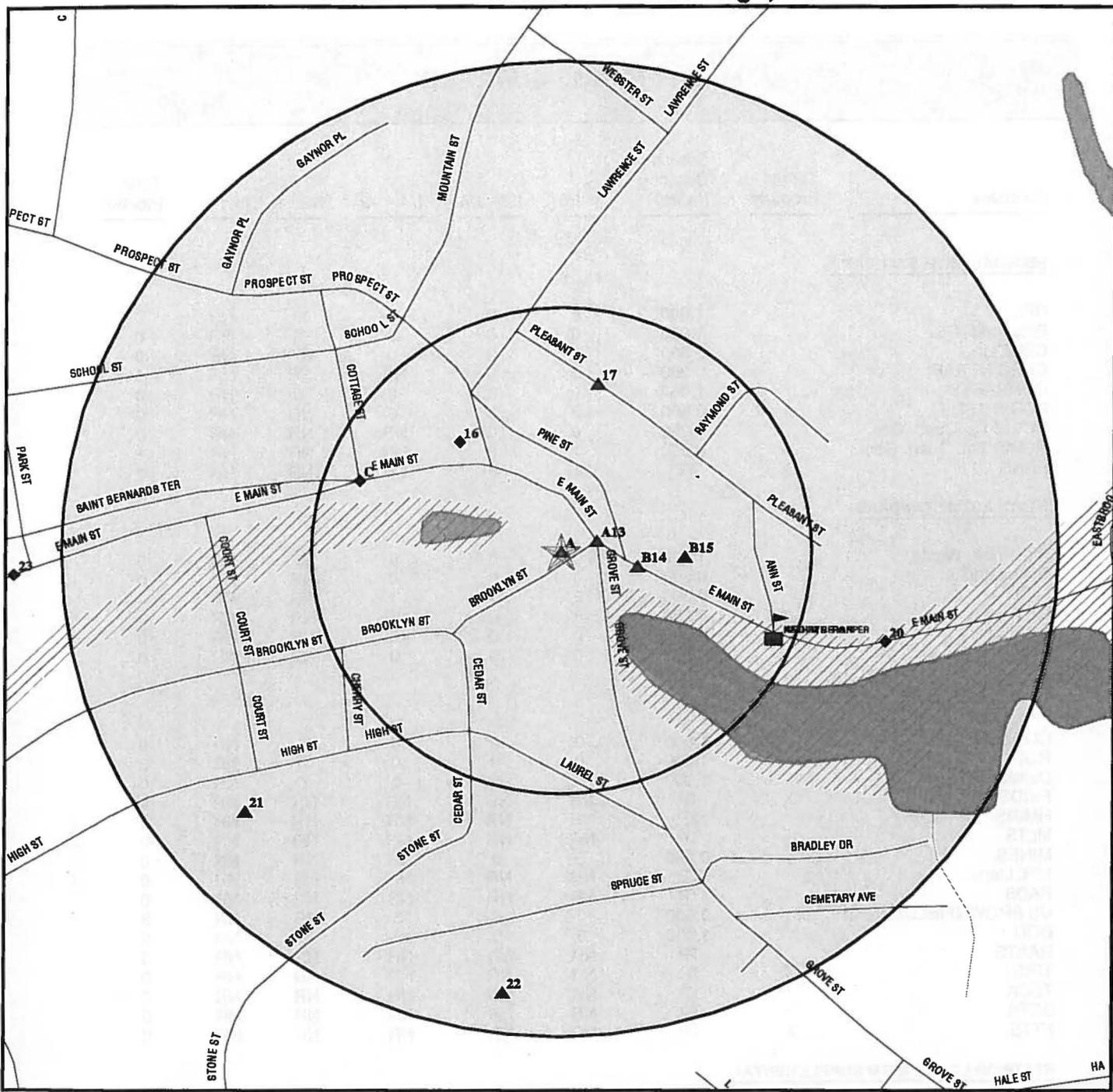
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone
- ▧ Federal Wetlands

0 1/4 1/2 1 Miles



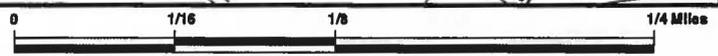
TARGET PROPERTY: Amerbelle Corporation ADDRESS: 104 East Main Street CITY/STATE/ZIP: Vernon CT 06066 LAT/LONG: 41.8674 / 72.4427	CUSTOMER: GeoDesign, Inc. CONTACT: Timothy Carr INQUIRY #: 1110231.2s DATE: January 12, 2004 7:47 am
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DETAIL MAP - 1110231.2s - GeoDesign, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ▲ Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- N Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone
- Federal Wetlands



<p>TARGET PROPERTY: Amerbelle Corporation ADDRESS: 104 East Main Street CITY/STATE/ZIP: Vernon CT 06066 LAT/LONG: 41.8674 / 72.4427</p>	<p>CUSTOMER: GeoDesign, Inc. CONTACT: Timothy Carr INQUIRY #: 1110231.2s DATE: January 12, 2004 7:47 am</p>
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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.	X	0.250	1	0	NR	NR	NR	1
ERNS	X	TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	2	1	1	NR	NR	4
UST	X	0.250	3	0	NR	NR	NR	3
SWRCY		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	3	NR	NR	3
DOD		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS	X	TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS	X	TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
CT Spills	X	TP	NR	NR	NR	NR	NR	0
SDADB		0.500	1	0	3	NR	NR	4
LWDS		1.000	1	2	1	5	NR	9
CT Property		TP	NR	NR	NR	NR	NR	0
<u>EDR PROPRIETARY HISTORICAL DATABASES</u>								
Coal Gas		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>BROWNFIELDS DATABASES</u>								
US BROWNFIELDS		0.500	0	0	3	NR	NR	3
Brownfields		0.500	0	0	1	NR	NR	1
VCP		0.500	0	0	0	NR	NR	0
INST CONTROL		0.250	0	0	NR	NR	NR	0

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

**A1
 Target
 Property**

**104 EAST MAIN ST
 VERNON, CT**

**CT Spills S104076803
 N/A**

Site 1 of 13 in cluster A

**Actual:
 491 ft.**

SPILL:

Case Number:	1491	OCSR Inspector:	931
Year of Database:	1991	Town of Spill:	VERNON
Report Date:	04/23/91 13:02	Reported By:	LEO DUBIEL
Work Telephone:	Not reported	Home Telephone:	Not reported
Representing:	AMERBELLE 104 EAST MAIN ST 6040		
Telephone Pole#:	Not reported		
Incident Type:	CHEMICAL		
Substance:	DYE		
Qty (Gallon):	Not reported	Qty (Yard):	Not reported
Qty (Pound):	Not reported	Qty (Drum):	Not reported
Action Desc:	Not reported		
Spill Date:	04/23/91	Spill Time:	1245
On Going:	Not reported	Continuous Spill:	Not reported
Release Status:	Terminated		
Misc Info:	FIXING PIPE & REMOVING/NO DYE EVIDENT SPILL MENTIONDIN PASSING BY INSP 913 BUT APPARENTLY WAS MINOR		
Water Body:	HOCKANUM RIVER		
Other Media:	Not reported		
Release Area:	River		
Total (Water):	Not reported	Recovd (Water):	Not reported
Recovd (Total)::	Not reported	Dun & Bradst#:	Not reported
Polluter:	AMERBELLE CORP 104 EAST MAIN ST VERNON, CT 6066		
Polluter Phone:	203 875 - 3325		
Financial Responsibility:	Polluter accepts financial responsibility		
Unknown Responsibility:	Not reported		
Unknown Polluter:	Not reported		
Cleanup Contractor:	Not reported		
Contractor Name:	Not reported		
Did DEP Hire Contractor:	Not reported		
Date Contractor Hired:	Not reported		
When Contractor Requested:	Not reported		
When Contractor Arrived:	Not reported		
Who Took Spill:	ALEXANDER		
Badge # of Who Recieved Spill:	913		
Who Assigned Spill:	COSS		
Badge # of Who Assigned Spill:	931		
Date Assigned:	Not reported		
Spill Status:	Closed		
Corrective Action:			
Action ID :	Not reported		
Other Action :	Not reported		
Agency Notified:			
Agency ID :	Not reported		
Other Agency :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S104076803

Cause of Incident:

Cause ID : Not reported
Other Cause : Not reported

Media:

Media ID : Not reported
Other Media : Not reported

Release Class:

Class ID : Not reported
Other Class : Not reported

Release Type:

Release ID : Not reported
Other Release : Not reported

Waterbody:

Waterbody ID : Not reported
Other Wtrbody : Not reported

Case Number: 200109286
Year of Database: 11/06/01
Report Date: 11/06/01
Phone 1 : 860-8753325
Phone 2 : -

Who Took Spill: 937

Reported By: BRIAN CARRA

Area Code 3: Not reported
Phone: Not reported
Representing: AMERBELLE CORP.

Qty (Gallon): 4
Qty (Pound): 0
Concentration: 0

Qty (Yard): 0
Qty (Drum): 0

Continuous Spill: False
Release Status: Terminated
Water Body: Not reported
Total (Water): 0

Recovd (Total):: 0

Who Assigned Spill: Not reported
Facility Status: Closed
Emergency Measure: SULFURIC ACID FROM A PUNCTURED POLY DRUM, NEUTRALIZED WITH SODA.
WASTE DISPOSED OF, TRANSFERRED REMAINING PRODUCT.

Assigned To: 0
Discharger: SAA
Responsible Party: Not reported
Released Substance: SULFURIC ACID

Telephone: -

RP Address: CT
Date Release : 11/6/01
Waterbody : F
Time Responded : / /

Time Release : / /
Date Responded : Not reported

Historic : False
Waterway : Not reported
EPA : Not reported
EPA Date : Not reported
USCG : Not reported
USCG Date : Not reported
Spill Fund : Not reported
Date Authorized : Not reported
Discharger Addr : Not reported
Accepted By : Not reported
Date Accepted : Not reported
OCSR Rep : Not reported
Property Owner1 : Not reported
Owner 1 Phone : Not reported

Qty Rec Water : Not reported
OPA : Not reported
EPA Contact : Not reported
EPA Time : Not reported
USCG Contact : Not reported
USCG Time : Not reported
Authorized By : Not reported
Time Authorized : Not reported

Time Authorized : Not reported

Owner 1 Area : Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S104076803

Owner 1 Address Not reported
 Not reported
 Owner 2 Area : Not reported
 Owner 2 Address Not reported
 Not reported
 Transportation : Not reported
 Registration : Not reported
 Trailer Registrtn : Not reported
 License No : Not reported
 Owner Area : Not reported
 Special Contact : Not reported
 Date Requested : Not reported
 Date Arrived : Not reported
 Time Stamp : 11/06/01
 At Inspctr Name : **NO RESPONSE
 Corrective Action:
 Action ID : 11.00000
 Other Action : Not reported
 Action ID : 13.00000
 Other Action : Not reported
 Agency Notified:
 Agency ID : 9.00000
 Other Agency : Not reported
 Cause of Incident:
 Cause ID : 10.00000
 Other Cause : Not reported
 Media:
 Media ID : 4.00000
 Other Media : Not reported
 Media ID : 5.00000
 Other Media : Not reported
 Release Class:
 Class ID : 3.00000
 Other Class : Not reported
 Class ID : 8.00000
 Other Class : Not reported
 Release Type:
 Release ID : 2.00000
 Other Release : Not reported
 Waterbody:
 Waterbody ID : Not reported
 Other Wtrbody : Not reported

Owner 2 Phone : Not reported
 Make : Not reported
 Tractor No : Not reported
 Vehicle Operator : Not reported
 Vehicle Owner : Not reported
 Owner Phone : Not reported
 Contractor Retained: Not reported
 Time Requested : Not reported
 Time Arrived : Not reported
 Sr Inspector Name :CHANDLER, JEFF

A2 104 E. MAIN ST
 Target 104 E. MAIN ST
 Property VERNON, CT 06066

ERNS 974142570
 N/A

Site 2 of 13 in cluster A

Actual:
 491 ft.

The ERNS database may contain additional details for this site.
 Please click here or contact your EDR Account Executive for more information.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A3

Target Property 104 EAST MAIN ST
 VERNON, CT

CT Spills S104103040
 N/A

Site 3 of 13 in cluster A

Actual:
 491 ft.

Case Number:	1962	OCSR Inspector:	933
Year of Database:	1995	Town of Spill:	VERNON
Report Date:	04/18/95	Reported By:	ALLEN SCHWABEL
Work Telephone:	Not reported	Home Telephone:	Not reported
Representing:	AMERBELLE		
Telephone Pole#:	Not reported		
Incident Type:	SEWAGE RELATED		
Substance:	SEWAGE		
Qty (Gallon):	Not reported	Qty (Yard):	Not reported
Qty (Pound):	Not reported	Qty (Drum):	Not reported
Action Desc:	Not reported		
Spill Date:	04/18/95	Spill Time:	Not reported
On Going:	Not reported	Continuous Spill:	Not reported
Release Status:	Terminated, Contained		
Misc Info:	DARK BLUE SUBSTANCE IN RIVER IN AREA OF BRIDGE WORK ADJ TO AMERBELLE		
Water Body:	HOCKANUM		
Other Media:	Not reported		
Release Area:	River, Surface Water		
Total (Water):	Not reported	Recovd (Water):	Not reported
Recovd (Total)::	Not reported	Dun & Bradst#:	Not reported
Polluter:	TOWN OF VERNON		
Polluter Phone:	Not reported		
Financial Responsibility:	Polluter accepts financial responsibility		
Unknown Responsibility:	Not reported		
Unknown Polluter:	Not reported		
Cleanup Contractor:	Not reported		
Contractor Name:	Not reported		
Did DEP Hire Contractor:	Not reported		
Date Contractor Hired:	Not reported		
When Contractor Requested:	Not reported		
When Contractor Arrived:	Not reported		
Who Took Spill:	EMANUELSON		
Badge # of Who Recieved Spill:	917		
Who Assigned Spill:	SANTACROCE		
Badge # of Who Assigned Spill:	933		
Date Assigned:	04/18/95 10:00		
Spill Status:	Closed		
Corrective Action:			
Action ID :	Not reported		
Other Action :	Not reported		
Agency Notified:			
Agency ID :	Not reported		
Other Agency :	Not reported		
Cause of Incident:			
Cause ID :	Not reported		
Other Cause :	Not reported		
Media:			
Media ID :	Not reported		
Other Media :	Not reported		
Release Class:			
Class ID :	Not reported		
Other Class :	Not reported		
Release Type:			

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S104103040

Release ID : Not reported
 Other Release : Not reported
 Waterbody:
 Waterbody ID : Not reported
 Other Wtrbody : Not reported

A4
 Target
 Property

104 EAST MAIN ST
 VERNON, CT

CT Spills

S104083994
 N/A

Site 4 of 13 in cluster A

Actual:
 491 ft.

Case Number: 5647
 Year of Database: 1992
 Report Date: 11/05/92 10:17
 Work Telephone: Not reported
 Representing: AMERBELLE
 104 EAST MAIN ST
 6066

OCSR Inspector: 934
 Town of Spill: VERNON
 Reported By: LEO DUBREUIL
 Home Telephone: Not reported

Telephone Pole#: Not reported
 Incident Type: PETROLEUM
 Substance: #4 SPEC OIL
 Qty (Gallon): 100
 Qty (Pound): Not reported
 Action Desc: Not reported
 Spill Date: 11/05/92
 On Going: Not reported
 Release Status: Terminated, Contained
 Misc Info: PIPE PROBLEM OIL INTO RIVER
 Water Body: HOCKANUM
 Other Media: Not reported
 Release Area: River
 Total (Water): 100
 Recovd (Total):: Not reported
 Polluter: AMERBELLE CORP
 Polluter Phone: Not reported

Qty (Yard): Not reported
 Qty (Drum): Not reported

Spill Time: Not reported
 Continuous Spill: Not reported

Recovd (Water): 20
 Dun & Bradst#: Not reported

Financial Responsibility: Polluter accepts financial responsibility
 Unknown Responsibility: Not reported
 Unknown Polluter: Not reported
 Cleanup Contractor: Y
 Contractor Name: TRI-S
 Did DEP Hire Contractor: No
 Date Contractor Hired: Not reported
 When Contractor Requested: Not reported
 When Contractor Arrived: Not reported
 Who Took Spill: YORKE
 Badge # of Who Recieved Spill: 921
 Who Assigned Spill: WILLIAMSON
 Badge # of Who Assigned Spill: 934
 Date Assigned: 11/05/92 10:30
 Spill Status: Closed
 Corrective Action:
 Action ID : Not reported
 Other Action : Not reported
 Agency Notified:
 Agency ID : Not reported
 Other Agency : Not reported
 Cause of Incident:

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

(Continued)

EDR ID Number
 EPA ID Number

Database(s)

Cause ID : Not reported
 Other Cause : Not reported
 Media:
 Media ID : Not reported
 Other Media : Not reported
 Release Class:
 Class ID : Not reported
 Other Class : Not reported
 Release Type:
 Release ID : Not reported
 Other Release : Not reported
 Waterbody:
 Waterbody ID : Not reported
 Other Wtrbody : Not reported

S104083994

**A5
 Target
 Property**

**104 E. MAIN ST.
 104 E. MAIN ST.
 VERNON, CT 06066**

**ERNS 92424567
 N/A**

Site 5 of 13 in cluster A

**Actual:
 491 ft.**

The ERNS database may contain additional details for this site.
 Please click here or contact your EDR Account Executive for more information.

**A6
 Target
 Property**

**AMERBELLE CORPORATION
 104 EAST MAIN STREET
 VERNON-ROCKVILLE, CT 06066**

**UST U002023060
 N/A**

Site 6 of 13 in cluster A

**Actual:
 491 ft.**

UST:
 Facility Id: 2991.00000
 Tank ID: 1.00000
 Alt. Facility ID: 146-2991
 Alt. Tank ID: A1
 Tank Status: Permanently Out of Use
 Capacity: 20000.00000
 Substance: Used Oil
 Closure Status: Removed
 Date Installed: 01/01/50
 Date Last Used: 10/01/89
 Tank Material: Asphalt Coated or Bare Steel
 2ndary Material: None
 Pipe Material: Bare Steel
 2ndary Material: None
 Spill Installed: False
 Overfill Installed: False
 Owner: AMERBELLE CORPORATION
 104 EAST MAIN ST.
 Vernon, CT 06066
 Lat/Long: 4.00000° 15.00000° 23.00000° / 72.00000° 26.00000° 37.00000°

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

AMERBELLE CORPORATION (Continued)

U002023060

Facility Id: 2991.00000
Tank ID: 4.00000
Alt. Facility ID: 146-2991
Alt. Tank ID: C1
Tank Status: Permanently Out of Use
Capacity: 3000.00000
Substance: Gasoline
Closure Status: Tank removed from ground
Date Installed: 01/01/72
Date Last Used: 01/01/93
Tank Material: Asphalt Coated or Bare Steel
2ndary Material: None
Pipe Material: Bare Steel
2ndary Material: None
Spill Installed: False
Overfill Installed: False
Owner: AMERBELLE CORPORATION
104 EAST MAIN ST.
Vernon, CT 06066
Lat/Long: 4.00000° 15.00000° 23.00000° / 72.00000° 26.00000° 37.00000°

Facility Id: 2991.00000
Tank ID: 3.00000
Alt. Facility ID: 146-2991
Alt. Tank ID: B1
Tank Status: Permanently Out of Use
Capacity: 5000.00000
Substance: Gasoline
Closure Status: Tank removed from ground
Date Installed: 01/01/72
Date Last Used: 01/01/93
Tank Material: Asphalt Coated or Bare Steel
2ndary Material: None
Pipe Material: Bare Steel
2ndary Material: None
Spill Installed: False
Overfill Installed: False
Owner: AMERBELLE CORPORATION
104 EAST MAIN ST.
Vernon, CT 06066
Lat/Long: 4.00000° 15.00000° 23.00000° / 72.00000° 26.00000° 37.00000°

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

AMERBELLE CORPORATION (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U002023060

Facility Id: 2991.00000
 Tank ID: 2.00000
 Alt. Facility ID: 146-2991
 Alt. Tank ID: A2
 Tank Status: Permanently Out of Use
 Capacity: 20000.00000
 Substance: Used Oil
 Closure Status: Removed
 Date Installed: 01/01/50
 Date Last Used: 10/01/89
 Tank Material: Asphalt Coated or Bare Steel
 2ndary Material: None
 Pipe Material: Bare Steel
 2ndary Material: None
 Spill Installed: False
 Overfill Installed: False
 Owner: AMERBELLE CORPORATION
 104 EAST MAIN ST.
 Vernon, CT 06066
 Lat/Long: 4.00000' 15.00000' 23.00000' / 72.00000' 26.00000' 37.00000'

**A7
 Target
 Property**

**AMERBELLE CORP THE
 104 E MAIN ST
 VERNON, CT 06066**

**RCRIS-SQG 1000354177
 FINDS 06066MRBLL10
 TRIS**

Site 7 of 13 in cluster A

**Actual:
 491 ft.**

RCRIS:
 Owner: OPERNAME
 (203) 555-1212
 EPA ID: CTD001139898
 Contact: LEO DUBREUIL
 (203) 875-3325
 Classification: Small Quantity Generator
 TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 2001

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	6980.00	D006	25665.00
D008	25665.00	D035	3680.00
D039	780.00	F002	780.00
F005	3300.00		

Violation Status: Violations exist

Regulation Violated: 262.11
 Area of Violation: HAZARDOUS WASTE DETERMINATIONS
 Date Violation Determined: 03/08/2002
 Actual Date Achieved Compliance: Not reported

Regulation Violated: Not reported
 Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
 Date Violation Determined: 07/31/1986
 Actual Date Achieved Compliance: Not reported

Regulation Violated: Not reported
 Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
 Date Violation Determined: 07/31/1986

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AMERBELLE CORP THE (Continued)

1000354177

Actual Date Achieved Compliance: 03/21/1988
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/19/1986
 Penalty Type: Not reported
 Regulation Violated: Not reported
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 07/31/1986
 Actual Date Achieved Compliance: Not reported
 Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
 Enforcement Action Date: 10/21/1986
 Penalty Type: Not reported
 Enforcement Action: CIVIL ACTION FOR COMPLIANCE
 Enforcement Action Date: 07/16/1987
 Penalty Type: Not reported
 Regulation Violated: Not reported
 Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
 Date Violation Determined: 07/31/1986
 Actual Date Achieved Compliance: Not reported
 Regulation Violated: Not reported
 Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
 Date Violation Determined: 07/31/1986
 Actual Date Achieved Compliance: 04/01/2002
 Regulation Violated: Not reported
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 07/31/1986
 Actual Date Achieved Compliance: Not reported

There are 7 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	HAZARDOUS WASTE DETERMINATIONS	
Other Evaluation	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19880321
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	20020401
Compliance Evaluation Inspection	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19880321
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	20020401
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	

CT MANIFEST

Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- AIRS/AIRS Facility Subsystem (AIRS/AFS)
- Biennial Reporting System (BRS)
- Integrated Compliance Information System (ICIS)
- National Compliance Database (NCDB)
- National Emissions Inventory (NEI)
- National Emissions Trends (NET)
- National Toxics Inventory (NTI)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AMERBELLE CORP THE (Continued)

1000354177

Permit Compliance System (PCS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)
 Toxic Chemical Release Inventory System (TRIS)

A8
 Target
 Property

AMERBELLE CORPORATION
104 EAST STREET
VERNON, CT 06066

FTTS INSP

1006933689
 N/A

Site 8 of 13 in cluster A

Actual:
491 ft.

FTTS Insp:
 Region: 01
 Inspected Date: 3/14/1991 0:00:00
 Insp Number: 19910314CT021 2
 Violation occurred: No
 Inspector: WILSON
 Investigation Type: Section 6 PCB State Conducted
 Facility Function: User
 Investig Reason: Not reported
 Legislation Code: TSCA

A9
 Target
 Property

104 EAST MAIN STREET
VERNON, CT 06066

CT Spills

S101989866
 N/A

Site 9 of 13 in cluster A

Actual:
491 ft.

Case Number: 209
 Year of Database: 1991
 Report Date: 01/18/91 16:30
 Work Telephone: Not reported
 Representing: AMBERBELLE CORPORATION
 104 EAST MAIN STREET
 6066
 Telephone Pole#: Not reported
 Incident Type: CHEMICAL
 Substance: AQUA AMMONIA
 Qty (Gallon): 100
 Qty (Pound): Not reported
 Action Desc: Not reported
 Spill Date: 01/18/91
 On Going: Not reported
 Release Status: Ongoing, No Decision
 Misc Info: TRI-S HAS BEEN NOTIFIED. ARE RESPONDING TO TANK LEAKING VERY SLOWLY.
 1000 GALLON TANK.
 Water Body: Not reported
 Other Media: Not reported
 Release Area: Not reported
 Total (Water): Not reported
 Recovd (Total):: 100
 Polluter: AMBERBELLE CORPORATION
 104 EAST MAIN STREET
 VERNON, CT 6066
 Polluter Phone: 203 875 - 3325
 Financial Responsibility: Polluter accepts financial responsibility
 Unknown Responsibility: Not reported
 Unknown Polluter: Not reported
 Cleanup Contractor: Y

OCSR Inspector: 913
 Town of Spill: VERNON
 Reported By: AMBERBELLE CORPORATION
 Home Telephone: Not reported

Qty (Yard): Not reported
 Qty (Drum): Not reported

Spill Time: 1600
 Continuous Spill: Yes

Recovd (Water): Not reported
 Dun & Bradst#: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S101989866

Contractor Name: TRI-S
 Did DEP Hire Contractor: Not reported
 Date Contractor Hired: Not reported
 When Contractor Requested: Not reported
 When Contractor Arrived: Not reported
 Who Took Spill: KELLEY
 Badge # of Who Recieved Spill: Not reported
 Who Assigned Spill: ALEXANDER
 Badge # of Who Assigned Spill: 913
 Date Assigned: 01/18/91 16:35
 Spill Status: Closed

Corrective Action:
 Action ID : Not reported
 Other Action : Not reported
 Agency Notified:
 Agency ID : Not reported
 Other Agency : Not reported
 Cause of Incident:
 Cause ID : Not reported
 Other Cause : Not reported

Media:
 Media ID : Not reported
 Other Media : Not reported

Release Class:
 Class ID : Not reported
 Other Class : Not reported

Release Type:
 Release ID : Not reported
 Other Release : Not reported

Waterbody:
 Waterbody ID : Not reported
 Other Wtrbody : Not reported

Case Number: 9702526
 Year of Database: 05/19/97
 Report Date: 05/19/97
 Phone 1 : 860-8753325
 Phone 2 : -
 Area Code 3: Not reported
 Phone: Not reported
 Representing: AMERBELLE CORP,
 Qty (Gallon): 80
 Qty (Pound): 0
 Concentration: 0
 Continuous Spill: False
 Release Status: Not reported
 Water Body: HOCCEAUM RIVER
 Total (Water): 80
 Who Assigned Spill: Not reported
 Facility Status: Closed
 Emergency Measure: RESERVE TANK LINE RUPTURED / OIL INTO SUMP / SUMP DISCHARGES INTO RIVER

Who Took Spill: 922
 Reported By: LEO DUBREUIL

Qty (Yard): 0
 Qty (Drum): 0

Recovd (Total):: 0

Assigned To: 935
 Discharger: SAME AS ABOVE
 Responsible Party: YES
 Released Substance: HYDRAULIC OIL
 RP Address: CT

Telephone: -

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S101989866

Date Release : 5/19/97
Waterbody : F
Time Responded : / /
Historic : False
Waterway : Not reported
EPA : Not reported
EPA Date : Not reported
USCG : Not reported
USCG Date : Not reported
Spill Fund : Not reported
Date Authorized : Not reported
Discharger Addr : Not reported
Accepted By : Not reported
Date Accepted : Not reported
OCSR Rep : Not reported
Property Owner1 : Not reported
Owner 1 Phone : Not reported
Owner 1 Address : Not reported
Owner 2 Area : Not reported
Owner 2 Address : Not reported
Transportation : Not reported
Registration : Not reported
Trailer Registrtn : Not reported
License No : Not reported
Owner Area : Not reported
Special Contact : Not reported
Date Requested : Not reported
Date Arrived : Not reported
Time Stamp : 09/05/97
At Inspctr Name : Torres, Neil
Corrective Action:
Action ID : 20.00000
Other Action : INVESTIGATED
Agency Notified:
Agency ID : 9.00000
Other Agency : Not reported
Cause of Incident:
Cause ID : 2.00000
Other Cause : Not reported
Media:
Media ID : 5.00000
Other Media : Not reported
Release Class:
Class ID : 8.00000
Other Class : Not reported
Release Type:
Release ID : 1.00000
Other Release : Not reported
Waterbody:
Waterbody ID : 2.00000
Other Wtrbody : Not reported

Time Release : / /
Date Responded : Not reported
Qty Rec Water : Not reported
OPA : Not reported
EPA Contact : Not reported
EPA Time : Not reported
USCG Contact : Not reported
USCG Time : Not reported
Authorized By : Not reported
Time Authorized : Not reported
Time Authorized : Not reported
Owner 1 Area : Not reported
Owner 2 Phone : Not reported
Make : Not reported
Tractor No : Not reported
Vehicle Operator : Not reported
Vehicle Owner : Not reported
Owner Phone : Not reported
Contractor Retained : Not reported
Time Requested : Not reported
Time Arrived : Not reported
Sr Inspector Name : Aceto, John

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S101989866

A10
 Target
 Property

104 EAST MAIN ST.
 VERNON, CT

CT Spills

S104413137
 N/A

Site 10 of 13 in cluster A

Actual:
 491 ft.

Case Number:	200001003	Who Took Spill:	935
Year of Database:	02/17/00	Reported By:	john donlon
Report Date:	02/17/00	Qty (Yard):	0
Phone 1 :	860-8753325	Qty (Drum):	0
Phone 2 :	-		
Area Code 3:	Not reported	Recovd (Total)::	0
Phone:	Not reported		
Representing:	amerbelle corp.		
Qty (Gallon):	2		
Qty (Pound):	0		
Concentration:	0		
Continuous Spill:	False		
Release Status:	Terminated		
Water Body:	Not reported		
Total (Water):	0		
Who Assigned Spill:	Not reported		
Facility Status:	Closed		
Emergency Measure:	50% liquid caustic (naoh), drum punctured while unloading truck, contained and cleaned up, neutralized to 6ph		
Assigned To:	0	Telephone:	-
Discharger:	amerbelle corp.		
Responsible Party:	YES		
Released Substance:	LIQUID CAUSTIC		
RP Address:	above		
	CT		
Date Release :	2/17/00	Time Release :	/ /
Waterbody :	F	Date Responded :	Not reported
Time Responded :	/ /		
Historic :	False	Qty Rec Water :	Not reported
Waterway :	Not reported	OPA :	Not reported
EPA :	Not reported	EPA Contact :	Not reported
EPA Date :	Not reported	EPA Time :	Not reported
USCG :	Not reported	USCG Contact :	Not reported
USCG Date :	Not reported	USCG Time :	Not reported
Spill Fund :	Not reported	Authorized By :	Not reported
Date Authorized :	Not reported	Time Authorized :	Not reported
Discharger Addr :	Not reported		
Accepted By :	Not reported	Time Authorized :	Not reported
Date Accepted :	Not reported		
OCSR Rep :	Not reported	Owner 1 Area :	Not reported
Property Owner1 :	Not reported		
Owner 1 Phone :	Not reported	Owner 2 Phone :	Not reported
Owner 1 Address :	Not reported		
	Not reported		
Owner 2 Area :	Not reported		
Owner 2 Address :	Not reported		
	Not reported		
Transportation :	Not reported	Make :	Not reported
Registration :	Not reported	Tractor No :	Not reported
Trailer Registrtn :	Not reported	Vehicle Operator :	Not reported
License No :	Not reported	Vehicle Owner :	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S104413137

Owner Area : Not reported
Special Contact : Not reported
Date Requested : Not reported
Date Arrived : Not reported
Time Stamp : 03/02/00
At Inspctr Name : **NO RESPONSE

Owner Phone : Not reported
Contractor Retained: Not reported
Time Requested : Not reported
Time Arrived : Not reported
Sr Inspector Name : Torres, Neil

Corrective Action:

Action ID : 3.00000
Other Action : Not reported
Action ID : 11.00000
Other Action : Not reported
Action ID : 13.00000
Other Action : Not reported

Agency Notified:

Agency ID : 8.00000
Other Agency : Not reported

Cause of Incident:

Cause ID : 10.00000
Other Cause : Not reported

Media:

Media ID : 4.00000
Other Media : Not reported

Release Class:

Class ID : 3.00000
Other Class : Not reported

Release Type:

Release ID : 2.00000
Other Release : Not reported

Waterbody:

Waterbody ID : 9.00000
Other Wtrbody : none

Case Number: 200102261
Year of Database: 04/10/01
Report Date: 04/10/01
Phone 1 : 860-8753325
Phone 2 : -

Who Took Spill: 935

Reported By: brian carra

Area Code 3: Not reported
Phone: Not reported
Representing: amerbelle corp.
Qty (Gallon): 5
Qty (Pound): 0
Concentration: 0

Qty (Yard): 0
Qty (Drum): 0

Continuous Spill: False
Release Status: Terminated
Water Body: Not reported
Total (Water): 0

Recovd (Total):: 0

Who Assigned Spill: Not reported
Facility Status: Closed
Emergency Measure: 55 gal.eco-soft (non-haz fabric softener) Poly drum fell off fork truck, picked up with sorbents.

Assigned To: 0
Discharger: amerbelle corp.
Responsible Party: YES
Released Substance: ECO-SOFT
RP Address: above
CT

Telephone: -

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S104413137

Date Release : 4/10/01
Waterbody : F
Time Responded : / /
Historic : False
Waterway : Not reported
EPA : Not reported
EPA Date : Not reported
USCG : Not reported
USCG Date : Not reported
Spill Fund : Not reported
Date Authorized : Not reported
Discharger Addr : Not reported
Accepted By : Not reported
Date Accepted : Not reported
OCSR Rep : Not reported
Property Owner1 : Not reported
Owner 1 Phone : Not reported
Owner 1 Address : Not reported
Owner 2 Area : Not reported
Owner 2 Address : Not reported
Transportation : Not reported
Registration : Not reported
Trailer Registrtn : Not reported
License No : Not reported
Owner Area : Not reported
Special Contact : Not reported
Date Requested : Not reported
Date Arrived : Not reported
Time Stamp : 04/11/01
At Inspctr Name : **NO RESPONSE
Corrective Action:
Action ID : 3.00000
Other Action : Not reported
Action ID : 11.00000
Other Action : Not reported
Agency Notified:
Agency ID : 8.00000
Other Agency : Not reported
Cause of Incident:
Cause ID : 10.00000
Other Cause : Not reported
Media:
Media ID : 4.00000
Other Media : Not reported
Release Class:
Class ID : 3.00000
Other Class : Not reported
Release Type:
Release ID : 2.00000
Other Release : Not reported
Waterbody:
Waterbody ID : 9.00000
Other Wtrbody : none

Time Release : / /
Date Responded : Not reported
Qty Rec Water : Not reported
OPA : Not reported
EPA Contact : Not reported
EPA Time : Not reported
USCG Contact : Not reported
USCG Time : Not reported
Authorized By : Not reported
Time Authorized : Not reported
Time Authorized : Not reported
Owner 1 Area : Not reported
Owner 2 Phone : Not reported
Make : Not reported
Tractor No : Not reported
Vehicle Operator : Not reported
Vehicle Owner : Not reported
Owner Phone : Not reported
Contractor Retained : Not reported
Time Requested : Not reported
Time Arrived : Not reported
Sr Inspector Name : Torres, Neil

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S104413137

A11
Target 104 EAST MAIN ST
Property VERNON, CT

CT Spills S104096389
N/A

Actual:
491 ft. Site 11 of 13 in cluster A

Case Number: 686
Year of Database: 1994
Report Date: 02/15/94
Work Telephone: Not reported
Representing: AMERBELLE CORP
Telephone Pole#: Not reported
Incident Type: CHEMICAL
Substance: LIQUID DYE
Qty (Gallon): 5
Qty (Pound): Not reported
Action Desc: Not reported
Spill Date: 02/14/94
On Going: Not reported
Release Status: Terminated, Contained
Misc Info: Not reported
Water Body: Not reported
Other Media: Not reported
Release Area: Inside Building
Total (Water): Not reported
Recovd (Total):: Not reported
Polluter: AMERBELLE CORP
104 EAST MAIN ST
VERNON, CT 6066
Polluter Phone: Not reported
Financial Responsibility: Polluter accepts financial responsibility
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Contractor: Not reported
Contractor Name: Not reported
Did DEP Hire Contractor: Not reported
Date Contractor Hired: Not reported
When Contractor Requested: Not reported
When Contractor Arrived: Not reported
Who Took Spill: EMANUELSON
Badge # of Who Recieved Spill: 917
Who Assigned Spill: NR
Badge # of Who Assigned Spill: Not reported
Date Assigned: Not reported
Spill Status: Closed
Corrective Action:
Action ID : Not reported
Other Action : Not reported
Agency Notified:
Agency ID : Not reported
Other Agency : Not reported
Cause of Incident:
Cause ID : Not reported
Other Cause : Not reported
Media:
Media ID : Not reported
Other Media : Not reported

OCSR Inspector: NR
Town of Spill: VERNON
Reported By: KAREN DICKERMAN
Home Telephone: Not reported
Qty (Yard): Not reported
Qty (Drum): Not reported
Spill Time: 14 000
Continuous Spill: Not reported
Recovd (Water): Not reported
Dun & Bradst#: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S104096389

Release Class:
 Class ID : Not reported
 Other Class : Not reported
 Release Type:
 Release ID : Not reported
 Other Release : Not reported
 Waterbody:
 Waterbody ID : Not reported
 Other Wtrbody : Not reported

A12 104 E. MAIN ST
Target 104 E. MAIN ST
Property VERNON, CT 06066

ERNS 974142571
 N/A

Site 12 of 13 in cluster A

Actual:
 491 ft.

The ERNS database may contain additional details for this site.
 Please click here or contact your EDR Account Executive for more information.

A13 GROVE ST
ENE 1 GROVE ST
 < 1/8 VERNON, CT 06066
 98 ft.

UST U002023038
 N/A

Site 13 of 13 in cluster A

Relative:
Higher

UST:
 Facility Id: 2873.00000
 Tank ID: 2.00000
 Alt. Facility ID: 146-2873
 Alt. Tank ID: A2
 Tank Status: Currently In Use
 Capacity: 6000.00000
 Substance: Gasoline
 Closure Status: Not reported
 Date Installed: 04/01/76
 Date Last Used: / /
 Tank Material: Asphalt Coated or Bare Steel
 2ndary Material: None
 Pipe Material: Galvanized Steel
 2ndary Material: None
 Spill Installed: False
 Overfill Installed: False
 Owner: PETROLEUM MARKETERS, INC
 1148 ALLENS AVE.
 North Grosvenordale, CT 06255
 Lat/Long: 4.00000' 15.00000' 22.00000" / 72.00000' 26.00000' 36.00000"

Actual:
 496 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

GROVE ST (Continued)

U002023038

Facility Id: 2873.00000
 Tank ID: 3.00000
 Alt. Facility ID: 146-2873
 Alt. Tank ID: B3
 Tank Status: Currently In Use
 Capacity: 6000.00000
 Substance: Gasoline
 Closure Status: Not reported
 Date Installed: 04/01/76
 Date Last Used: / /
 Tank Material: Asphalt Coated or Bare Steel
 2ndary Material: None
 Pipe Material: Galvanized Steel
 2ndary Material: None
 Spill Installed: False
 Overfill Installed: False
 Owner: PETROLEUM MARKETERS, INC
 1148 ALLENS AVE.
 North Grosvenordale, CT 06255
 Lat/Long: 4.00000° 15.00000° 22.00000° / 72.00000° 26.00000° 36.00000°

Facility Id: 2873.00000
 Tank ID: 4.00000
 Alt. Facility ID: 146-2873
 Alt. Tank ID: C4
 Tank Status: Currently In Use
 Capacity: 6000.00000
 Substance: Gasoline
 Closure Status: Not reported
 Date Installed: 04/01/76
 Date Last Used: / /
 Tank Material: Asphalt Coated or Bare Steel
 2ndary Material: None
 Pipe Material: Galvanized Steel
 2ndary Material: None
 Spill Installed: False
 Overfill Installed: False
 Owner: PETROLEUM MARKETERS, INC
 1148 ALLENS AVE.
 North Grosvenordale, CT 06255
 Lat/Long: 4.00000° 15.00000° 22.00000° / 72.00000° 26.00000° 36.00000°

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GROVE ST (Continued)

U002023038

Facility Id: 2873.00000
Tank ID: 5.00000
Alt. Facility ID: 146-2873
Alt. Tank ID: D5
Tank Status: Currently In Use
Capacity: 550.00000
Substance: Gasoline
Closure Status: Not reported
Date Installed: 09/01/56
Date Last Used: / /
Tank Material: Asphalt Coated or Bare Steel
2ndary Material: None
Pipe Material: Galvanized Steel
2ndary Material: None
Spill Installed: False
Overfill Installed: False
Owner: PETROLEUM MARKETERS, INC
1148 ALLENS AVE.
North Grosvenordale, CT 06255
Lat/Long: 4.00000° 15.00000° 22.00000° / 72.00000° 26.00000° 36.00000°

Facility Id: 2873.00000
Tank ID: 1.00000
Alt. Facility ID: 146-2873
Alt. Tank ID: A1
Tank Status: Currently In Use
Capacity: 60000.00000
Substance: Gasoline
Closure Status: Not reported
Date Installed: 04/01/76
Date Last Used: / /
Tank Material: Asphalt Coated or Bare Steel
2ndary Material: None
Pipe Material: Galvanized Steel
2ndary Material: None
Spill Installed: False
Overfill Installed: False
Owner: PETROLEUM MARKETERS, INC
1148 ALLENS AVE.
North Grosvenordale, CT 06255
Lat/Long: 4.00000° 15.00000° 22.00000° / 72.00000° 26.00000° 36.00000°

B14 PAUL ST GERMAIN
ESE 122 E. MAIN ST
< 1/8 VERNON, CT 06066
205 ft.

Site 1 of 2 in cluster B

Relative:
Higher

Actual:
494 ft.

UST U003518291
N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PAUL ST GERMAIN (Continued)

U003518291

UST:

Facility Id: 2865.00000
 Tank ID: 1.00000
 Alt. Facility ID: 146-2865
 Alt. Tank ID: A1
 Tank Status: Currently In Use
 Capacity: 3000.00000
 Substance: Gasoline
 Closure Status: Not reported
 Date Installed: 01/01/60
 Date Last Used: / /
 Tank Material: Asphalt Coated or Bare Steel
 2ndary Material: None
 Pipe Material: Unknown
 2ndary Material: None
 Spill Installed: False
 Overfill Installed: False
 Owner: PAUL ST GERMAIN
 122 EAST MAIN ST.
 Vernon, CT 06066
 Lat/Long: 4.00000° 15.00000° 24.00000° / 7.00000° 22.00000° 0.00000°

B15
 East
 < 1/8
 327 ft.

FORMER DRAKE SUNOCO
 RTE. 74 / RTE. 31
 VERNON, CT 06066

LUST S102414222
 N/A

Site 2 of 2 in cluster B

Relative:
 Higher

Actual:
 510 ft.

LUST:

Computer Generated #: 1472
 Enforcement Data Together: 1471
 LUST ID: 1472
 LUST Case Id: 29581
 Cost Recovery Spill Case #: Not reported
 Site Case Id: Not reported
 Old SITS Number: Not reported
 UST Site Id: Not reported
 Case Log Id: Not reported
 Monthly Report Id: 0
 UST Facility Id: Not reported
 UST Owner Id: Not reported
 UST Event Id: 1471
 Contact Info: Not reported
 Incident Date: 11/29/89
 Entry Date: Not reported
 Site Contact 1: Not reported
 Contact 1 Address 1: 0
 Contact 1 Add 2: Not reported
 Contact 1 City 2: Not reported
 Contact 1 Phone: Not reported
 Contact 1 Fax: Not reported
 Contact 1 Type: Not reported
 Site Contact 2: Not reported
 Contact 1 Address 1: 0
 Contact 2 Address 2: Not reported
 Contact 2 City 2: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

FORMER DRAKE SUNOCO (Continued)

S102414222

Contact 2 Phone Number :	Not reported
Contact 2 Fax Number :	Not reported
Contact 2 Type :	Not reported
Department Contact 1 :	Not reported
Department Contact 2 :	Not reported
Referral Source :	Not reported
Date Referred :	Not reported
Location Description :	Not reported
Event Description :	Not reported
Work Performed :	Not reported
Environmental Impact :	Not reported
Running Comments :	Should be Registered Facility
Follow Up :	Not reported
Release Info :	Not reported
Correspondence :	Not reported
Private Heating Fuel :	False
Commercial Heating Fuel :	False
Commercial HF < 2100 Gal. :	False
Commercial HF > 2100 Gal. :	False
Commercial HF - Size Unk :	False
Motor Fuel :	True
Diesel :	False
Gasoline :	False
Other Release :	Not reported
Leak :	False
Tank :	False
Piping :	False
Overfill :	False
Removal :	False
Cost Recvry Prgm Candidate :	False
OCSR Complete :	False
Responsible Party :	False
Follow Up Flag :	False
Alternate Water Supply :	False
Relocation :	False
Resp Party Name 1 :	Not reported
Resp Party Address 1 :	Not reported
Resp Party Phone :	Not reported
Resp Party Fax :	Not reported
Resp Party Name 2 :	Not reported
Resp Party Address 2 :	Not reported
Resp Party Phone 2 :	Not reported
Resp Party Town Number :	0
LUST Owner Id :	Not reported
Investigator Id :	30
Follow Update :	Not reported
Lust Status :	Completed
Processing Status :	Not reported
Area Lextent :	Not reported
Annual Precipitation :	Not reported
Effectted Population :	Not reported
Population Setting :	Not reported
Ground Water Direction :	Not reported
Ground Water Gradient :	Not reported
Hydro Basin :	Not reported
Drastic :	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FORMER DRAKE SUNOCO (Continued)

S102414222

Geo Setting : Not reported
 Ground Water Classification : Not reported
 Receptor : Not reported
 Ground Water Flow Direction : Not reported
 Ground Water Depth : Not reported
 Areas Of Concern : Not reported
 Ground Water Comments : Not reported
 Free Product Inches : Not reported
 Fund Date : Not reported
 Fund Planned : 0
 Fund Obligated : 0
 Fund Outlaid : 0
 Fund Judgment : 0
 Fund Recovered : 0
 Fund Comments : Not reported
 Cellar Borings : False
 Install Micro Wells : False
 Ground Water Sample : False
 Soil Sample : False
 Soil Gas : False
 Site Inspect : False
 Soil Excavate : False
 Geo Probe : False
 Survey : False
 Potable Well Sample : False
 Ground Water Gauging : False
 Soil Venting : False

16
 NW
 < 1/8
 402 ft.

**ROOSEVELT MILLS, INC.
 COOLING WTR -GROUND
 , CT**

LWDS W991100317
 N/A

Relative:
 Lower

Actual:
 484 ft.

LWDS:
 ArcView Legend Symbology: COOL WTR-G
 Leachate and Wastewater Name: COOLING WTR -GROUND
 Leachate and Wastewater Number: 4500050
 Status of the Discharge Activity: ACTIVE
 Leachate and Waste Flow: GROUND
 Feature Number on Hazardous Waste List: 0
 Subregional Basin Feature Number: 4500
 Name: Roosevelt Mills, Inc.
 Alias: Not reported
 Description: dyes, detergent in wastewater (Vernon)
 Lat/Long: 41.86822 / -72.44369
 State Plane x/y: 1083433 / 877231
 Mercator x/y: -21155908.38659 / 13412604.71204

17
 NNE
 < 1/8
 465 ft.

**RUTH HOLLMAN
 26 PLEASANT ST.
 VERNON, CT 06066**

LUST S105457175
 N/A

Relative:
 Higher

Actual:
 532 ft.

LUST:
 Computer Generated # : 2308
 Enforcement Data Together : 2307
 LUST ID : 2308
 LUST Case Id : 30379

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RUTH HOLLMAN (Continued)

S105457175

Cost Recovery Spill Case # : Not reported
Site Case Id : Not reported
Old SITS Number : Not reported
UST Site Id : Not reported
Case Log Id : Not reported
Monthly Report Id : 0
UST Facility Id : Not reported
UST Owner Id : Not reported
UST Event Id : 2307
Contact Info : Not reported
Incident Date : 02/09/95
Entry Date : Not reported
Site Contact 1 : Not reported
Contact 1 Address 1 :
0
Contact 1 Add 2 : Not reported
Contact 1 City 2 : Not reported
Contact 1 Phone : Not reported
Contact 1 Fax : Not reported
Contact 1 Type : Not reported
Site Contact 2 : Not reported
Contact 1 Address 1 :
0
Contact 2 Address 2 : Not reported
Contact 2 City 2 : Not reported
Contact 2 Phone Number : Not reported
Contact 2 Fax Number : Not reported
Contact 2 Type : Not reported
Department Contact 1 : Not reported
Department Contact 2 : Not reported
Referral Source : Not reported
Date Referred : Not reported
Location Description : Not reported
Event Description : Not reported
Work Performed : Not reported
Environmental Impact : Not reported
Running Comments : Not reported
Follow Up : Not reported
Release Info : Not reported
Correspondence : Not reported
Private Heating Fuel : True
Commercial Heating Fuel : False
Commercial HF < 2100 Gal. : False
Commercial HF > 2100 Gal. : False
Commercial HF - Size Unk : False
Motor Fuel : False
Diesel : False
Gasoline : False
Other Release : Not reported
Leak : False
Tank : False
Piping : False
Overfill : False
Removal : False
Cost Recvry Prgm Candidate : False
OCSRDR Complete : False
Responsible Party : False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RUTH HOLLMAN (Continued)

S105457175

Follow Up Flag : False
Alternate Water Supply : False
Relocation : False
Resp Party Name 1 : Not reported
Resp Party Address 1 : Not reported
Resp Party Phone : Not reported
Resp Party Fax : Not reported
Resp Party Name 2 : Not reported
Resp Party Address 2 : Not reported
Resp Party Phone 2 : Not reported
Resp Party Town Number : 0
LUST Owner Id : Not reported
Investigator Id : 20
Follow Update : Not reported
Lust Status : Completed
Processing Status : Not reported
Area Lextent : Not reported
Annual Precipitation : Not reported
Effectuated Population : Not reported
Population Setting : Not reported
Ground Water Direction : Not reported
Ground Water Gradient : Not reported
Hydro Basin : Not reported
Drastic : Not reported
Geo Setting : Not reported
Ground Water Classification : Not reported
Receptor : Not reported
Ground Water Flow Direction : Not reported
Ground Water Depth : Not reported
Areas Of Concern : Not reported
Ground Water Comments : Not reported
Free Product Inches : Not reported
Fund Date : Not reported
Fund Planned : 0
Fund Obligated : 0
Fund Outlaid : 0
Fund Judgment : 0
Fund Recovered : 0
Fund Comments : Not reported
Cellar Borings : False
Install Micro Wells : False
Ground Water Sample : False
Soil Sample : False
Soil Gas : False
Site Inspect : False
Soil Excavate : False
Geo Probe : False
Survey : False
Potable Well Sample : False
Ground Water Gauging : False
Soil Venting : False

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

C18
 WNW
 < 1/8
 567 ft.

ANOCOIL CORPORATION
60 E. MAIN ST.
ROCKVILLE, CT 06066

RCRIS-SQG **1000108139**
FINDS **06066NCLCR60**
TRIS

Site 1 of 2 in cluster C

Relative:
 Lower

RCRIS:

Owner: HOWARD A FROMSON

(860) 871-1200

EPA ID: CTD018800458

Contact: JAMES F WINKLER

(860) 871-1200

Actual:
 439 ft.

Classification: Small Quantity Generator

TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 22a-449(c)-102(a)
 Area of Violation: HAZARDOUS WASTE DETERMINATIONS
 Date Violation Determined: 06/25/1996
 Actual Date Achieved Compliance: 06/24/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 01/21/1998
 Penalty Type: Not reported

Regulation Violated: 22a-449(c)-102(b)(3)
 Area of Violation: GENERATOR-MANIFEST REQUIREMENTS
 Date Violation Determined: 06/25/1996
 Actual Date Achieved Compliance: 06/24/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 01/21/1998
 Penalty Type: Not reported

Regulation Violated: 22a-449(c)-102(b)(2)
 Area of Violation: GENERATOR INSPECTION SCHEDULE & LOG
 Date Violation Determined: 06/25/1996
 Actual Date Achieved Compliance: 06/24/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 01/21/1998
 Penalty Type: Not reported

Regulation Violated: 22a-449(c)-102(a)
 Area of Violation: PERSONNEL TRAINING RECORDS
 Date Violation Determined: 06/25/1996
 Actual Date Achieved Compliance: 06/24/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 01/21/1998
 Penalty Type: Not reported

Regulation Violated: 22a-449(c)-102(a)
 Area of Violation: CONTINGENCY PLAN
 Date Violation Determined: 06/25/1996
 Actual Date Achieved Compliance: 07/31/1996

Enforcement Action: FIELD NOTICE OF VIOLATION
 Enforcement Action Date: 06/25/1996
 Penalty Type: Not reported

Regulation Violated: 22a-449(c)-102(a)
 Area of Violation: CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ANOCOIL CORPORATION (Continued)

1000108139

Date Violation Determined: 06/25/1996
 Actual Date Achieved Compliance: 07/31/1996
 Enforcement Action: FIELD NOTICE OF VIOLATION
 Enforcement Action Date: 06/25/1996
 Penalty Type: Not reported
 Regulation Violated: 22a-449(c)-102(a)
 Area of Violation: CONTINGENCY PLAN
 Date Violation Determined: 06/25/1996
 Actual Date Achieved Compliance: 06/24/1998
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 01/21/1998
 Penalty Type: Not reported
 Regulation Violated: 22a-449(c)-102(b)(2)
 Area of Violation: GENERATOR INSPECTION SCHEDULE & LOG
 Date Violation Determined: 06/25/1996
 Actual Date Achieved Compliance: 07/31/1996
 Enforcement Action: FIELD NOTICE OF VIOLATION
 Enforcement Action Date: 06/25/1996
 Penalty Type: Not reported
 Regulation Violated: Not reported
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 03/26/1986
 Actual Date Achieved Compliance: 07/28/1986
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 06/27/1986
 Penalty Type: Not reported

There are 9 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	HAZARDOUS WASTE DETERMINATIONS	19980624
	GENERATOR-MANIFEST REQUIREMENTS	19980624
	GENERATOR INSPECTION SCHEDULE & LOG	19980624
	GENERATOR INSPECTION SCHEDULE & LOG	19960731
	PERSONNEL TRAINING RECORDS	19980624
	CONTINGENCY PLAN	19980624
	CONTINGENCY PLAN	19960731
	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER	19960731
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19860728
Compliance Evaluation Inspection		

CT MANIFEST

Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- AIRS/AIRS Facility Subsystem (AIRS/AFS)
- Biennial Reporting System (BRS)
- National Compliance Database (NCDB)
- Permit Compliance System (PCS)
- Resource Conservation and Recovery Act Information system (RCRAINFO)
- Toxic Chemical Release Inventory System (TRIS)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

ANOCOIL CORPORATION (Continued)

1000108139

C19
 WNW
 < 1/8
 567 ft.

ANOCOIL CORPORATION
60 EAST MAIN STREET
VERNON-ROCKVILLE, CT 06066

UST
CT Spills
SDADB
CT PROPERTY

U002025880
N/A

Site 2 of 2 in cluster C

Relative:
 Lower

Actual:
 439 ft.

Case Number: 9800844
 Year of Database: 02/16/98
 Report Date: 02/16/98
 Phone 1 : 860-8711200
 Phone 2 : -
 Area Code 3: Not reported
 Phone: Not reported
 Representing: ANOCOIL INC
 Qty (Gallon): 1
 Qty (Pound): 0
 Concentration: 0
 Continuous Spill: False
 Release Status: Terminated
 Water Body: NONE
 Total (Water): 0
 Who Assigned Spill: Not reported
 Facility Status: Closed
 Emergency Measure: SPEEDY DRY
 Assigned To: 0
 Discharger: Not reported
 Responsible Party: Not reported
 Released Substance: HYDRAULIC OIL
 RP Address: CT
 Date Release : 2/16/98
 Waterbody : F
 Time Responded : / /
 Historic : False
 Waterway : Not reported
 EPA : Not reported
 EPA Date : Not reported
 USCG : Not reported
 USCG Date : Not reported
 Spill Fund : Not reported
 Date Authorized : Not reported
 Discharger Addr : Not reported
 Accepted By : Not reported
 Date Accepted : Not reported
 OCSR Rep : Not reported
 Property Owner 1 : Not reported
 Owner 1 Phone : Not reported
 Owner 1 Address : Not reported
 Owner 2 Area : Not reported
 Owner 2 Address : Not reported
 Transportation : Not reported
 Registration : Not reported
 Trailer Registrtn : Not reported
 License No : Not reported
 Owner Area : Not reported
 Special Contact : Not reported

Who Took Spill: 205
 Reported By: JIM WINKLER
 Qty (Yard): 0
 Qty (Drum): 0
 Recovd (Total):: 0
 Telephone: -
 Time Release : / /
 Date Responded : Not reported
 Qty Rec Water : Not reported
 OPA : Not reported
 EPA Contact : Not reported
 EPA Time : Not reported
 USCG Contact : Not reported
 USCG Time : Not reported
 Authorized By : Not reported
 Time Authorized : Not reported
 Time Authorized : Not reported
 Owner 1 Area : Not reported
 Owner 2 Phone : Not reported
 Make : Not reported
 Tractor No : Not reported
 Vehicle Operator : Not reported
 Vehicle Owner : Not reported
 Owner Phone : Not reported
 Contractor Retained: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ANOCOIL CORPORATION (Continued)

U002025880

Date Requested : Not reported
Date Arrived : Not reported
Time Stamp : 02/17/98
At Inspctr Name : **NO RESPONSE
Corrective Action:
Action ID : 2.00000
Other Action : Not reported
Action ID : 8.00000
Other Action : Not reported
Action ID : 11.00000
Other Action : Not reported
Agency Notified:
Agency ID : 8.00000
Other Agency : Not reported
Cause of Incident:
Cause ID : 1.00000
Other Cause : Not reported
Media:
Media ID : 4.00000
Other Media : Not reported
Release Class:
Class ID : Not reported
Other Class : Not reported
Release Type:
Release ID : 1.00000
Other Release : Not reported
Waterbody:
Waterbody ID : 9.00000
Other Wtrbody : NONE

Time Requested : Not reported
Time Arrived : Not reported
Sr Inspector Name :SAMORAJCZYK,JEFF

CT Property:
Date Recieved: 01/13/1986
Property Transfer Forms: Form III (DEP-PERD-PTP-203) when a discharge, spillage, uncontrolled loss, seepage or filtration of hazardous waste has occurred at the parcel that has not been fully remediated or the environmental conditions at the parcel are unknown. The person signing the Form III certification agrees to investigate and remediate the site in accordance with the remediation standards. The statute does not require completion of remediation before the parcel is transferred. Any person submitting a Form III shall simultaneously submit a completed Environmental Condition Assessment Form (ECAAF)(DEP-PERD-PTP-200).

Seller Name : Antoinette Realty Co.,Inc
Buyer Name : Howard A. Fromson
Certifying Party : Howard A. Fromson
Certifying Attention Person : Howard A. Fromson
Title Of Certifying Person : Not reported
Certifying Person Address : 60 East Main Street
Rockville, CT 06066

Ackn Date : 12/01/1986
Determination Date : / /
LEP Verified/DEP Approval Date : / /

Site Discovery and Assessment:
Facility ID: 5173
WPC Number : Not reported
Lat/Long : Not reported
Lat/Long Determined By : Not reported
Waste Type 1 : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ANOCOIL CORPORATION (Continued)

U002025880

Waste Type 2 : Not reported
Waste Type 3 : Not reported
Disposal 1 : Not reported
Disposal 2 : Not reported
Disposal 3 : Not reported
Sample Data Available : False
Ground Water Quality Classification : Not reported
Surface Water Quality Classification : Not reported
PTP Id: 1938
Postal District: Not reported
Lat/Lon: Not reported
Updated By: Not reported
Update Program: Not reported
Updated: Not reported
Duplicate: False
Comments:
Referral
Referral Id: 5348
Source of referral: PTP
Date received: 01/13/1986
Staff assigned: CZECZOTKA, J.
Remediation program: PTP
Date assigned: / /
Date completed: 01/13/1986
Outcome: PTP
Remedial
Remedial Id : Not reported
PTP Id : Not reported
Remediation Program : Not reported
Remediation Program Entered : Not reported
Staff Assigned : Not reported
Remediation Program : Not reported
Date assigned : Not reported
Project Phase : Not reported
Order issued : Not reported
Order Number : Not reported
Date order issued : Not reported
Remedial Investigation Start : Not reported
Remedial Investigation Completed : Not reported
Remedial Design Start : Not reported
Remedial Design complet : Not reported
Remedial Action Start : Not reported
Remedial Action Completed : Not reported
Date Oper/ maintenance Started : Not reported
GW monitoring : Not reported
Remediation complete Approved DEP/Verified by LEP :Not reported
Orders
Order Id : Not reported
Order number : Not reported
Date Order issued : Not reported
Staff assigned : Not reported
Type of Order : Not reported
Order Respondent : Not reported
Admin Appeal Date : Not reported
Admin Appeal Ruling : Not reported
Date of Admin Appeal Ruling : Not reported
Date of Final Order : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

ANOCOIL CORPORATION (Continued)

U002025880

Date of Court Appeal : Not reported
Court ruling : Not reported
Date of Court Ruling : Not reported
Date Order Modified : Not reported
Date Order Revoked : Not reported
Date Referred to AG : Not reported
Judgement : Not reported
Date of AGR judgement : Not reported
Penalty assessed : Not reported
Order Complete : Not reported
In compliance : Not reported
Comments : Not reported

UST:

Facility Id: 9846.00000
Tank ID: 2.00000
Alt. Facility ID: 146-9846
Alt. Tank ID: T02
Tank Status: Permanently Out of Use
Capacity: 25000.00000
Substance: Heating Oil
Closure Status: Removed
Date Installed: 01/01/50
Date Last Used: 10/01/89
Tank Material: Asphalt Coated or Bare Steel
2ndary Material: None
Pipe Material: Bare Steel
2ndary Material: None
Spill Installed: False
Overfill Installed: False
Owner: HOWARD A. FROMSON
60 EAST MAIN ST.
Vernon, CT 06066
Lat/Long: 4.00000° 4.00000° 51.00000° / 7.00000° 14.00000° 51.00000°

Facility Id: 9846.00000
Tank ID: 1.00000
Alt. Facility ID: 146-9846
Alt. Tank ID: T01
Tank Status: Permanently Out of Use
Capacity: 25000.00000
Substance: Heating Oil
Closure Status: Removed
Date Installed: 01/01/50
Date Last Used: 10/01/89
Tank Material: Asphalt Coated or Bare Steel
2ndary Material: None
Pipe Material: Bare Steel
2ndary Material: None
Spill Installed: False
Overfill Installed: False
Owner: HOWARD A. FROMSON
60 EAST MAIN ST.
Vernon, CT 06066
Lat/Long: 4.00000° 4.00000° 51.00000° / 7.00000° 14.00000° 51.00000°

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S104311032

Diesel : False
Gasoline : False
Other Release : Not reported
Leak : False
Tank : False
Piping : False
Overfill : False
Removal : False
Cost Recvry Prgm Candidate : False
OCSR Complete : True
Responsible Party : False
Follow Up Flag : False
Alternate Water Supply : False
Relocation : False
Resp Party Name 1 : Not reported
Resp Party Address 1 : Not reported
Resp Party Phone : Not reported
Resp Party Fax : Not reported
Resp Party Name 2 : Not reported
Resp Party Address 2 : Not reported
Resp Party Phone 2 : Not reported
Resp Party Town Number : 0
LUST Owner Id : Not reported
Investigator Id : 35
Follow Update : Not reported
Lust Status : Completed
Processing Status : Not reported
Area Lextent : Not reported
Annual Precipitation : Not reported
Effectd Population : Not reported
Population Setting : Not reported
Ground Water Direction : Not reported
Ground Water Gradient : Not reported
Hydro Basin : Not reported
Drastic : Not reported
Geo Setting : Not reported
Ground Water Classification : Not reported
Receptor : Not reported
Ground Water Flow Direction : Not reported
Ground Water Depth : Not reported
Areas Of Concern : Not reported
Ground Water Comments : Not reported
Free Product Inches : Not reported
Fund Date : Not reported
Fund Planned : 0
Fund Obligated : 0
Fund Outlaid : 0
Fund Judgment : 0
Fund Recovered : 0
Fund Comments : Not reported
Cellar Borings : False
Install Micro Wells : False
Ground Water Sample : False
Soil Sample : False
Soil Gas : False
Site Inspect : False

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S104311032

Soil Excavate : False
 Geo Probe : False
 Survey : False
 Potable Well Sample : False
 Ground Water Gauging : False
 Soil Venting : False

Case Number: 9904580
 Year of Database: 07/13/99
 Report Date: 07/13/99
 Phone 1 : 860-6463348
 Phone 2 : -
 Area Code 3: 860
 Phone: 6499848
 Representing: TANKWORKS
 Qty (Gallon): 0
 Qty (Pound): 0
 Concentration: 0
 Continuous Spill: False
 Release Status: Terminated
 Water Body: Not reported
 Total (Water): 0
 Who Assigned Spill: Not reported
 Facility Status: Closed
 Emergency Measure: REMOVED 23.92 TONS OF CONTAMINATED SOIL - NO FREE PRODUCT - DONALD
 MAGUDA INSTALLED PASSIVE VENT SYSTEM ON WALL BACKFILLED

Who Took Spill: 916
 Reported By: DAVID UPTON

Qty (Yard): 0
 Qty (Drum): 0

Recovd (Total):: 0

Assigned To: 0
 Discharger: GUNTER REICHL
 Responsible Party: YES
 Released Substance: #2 FUEL OIL
 RP Address: 100 HIGHLAND STREET
 MANCHESTER, CT 06040

Telephone: 860-6499848

Date Release : 7/8/99
 Waterbody : F
 Time Responded : / /

Time Release : / /
 Date Responded : Not reported

Historic : False
 Waterway : Not reported
 EPA : Not reported
 EPA Date : Not reported
 USCG : Not reported
 USCG Date : Not reported
 Spill Fund : Not reported
 Date Authorized : Not reported
 Discharger Addr: Not reported
 Accepted By : Not reported
 Date Accepted : Not reported
 OCSR Rep : Not reported
 Property Owner1 : Not reported
 Owner 1 Phone : Not reported
 Owner 1 Address : Not reported
 Owner 2 Area : Not reported
 Owner 2 Address : Not reported

Qty Rec Water : Not reported
 OPA : Not reported
 EPA Contact : Not reported
 EPA Time : Not reported
 USCG Contact : Not reported
 USCG Time : Not reported
 Authorized By : Not reported
 Time Authorized : Not reported

Time Authorized : Not reported

Owner 1 Area : Not reported

Owner 2 Phone : Not reported

Transportation : Not reported
 Registration : Not reported
 Trailer Registrtn : Not reported

Make : Not reported
 Tractor No : Not reported
 Vehicle Operator : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S104311032

License No : Not reported
 Owner Area : Not reported
 Special Contact : Not reported
 Date Requested : Not reported
 Date Arrived : Not reported
 Time Stamp : 07/13/99
 At Inspctr Name : **NO RESPONSE

Vehicle Owner : Not reported
 Owner Phone : Not reported
 Contractor Retained: Not reported
 Time Requested : Not reported
 Time Arrived : Not reported
 Sr Inspector Name :Stavola, Rosanne

Corrective Action:
 Action ID : 3.00000
 Other Action : Not reported
 Action ID : 12.00000
 Other Action : Not reported
 Action ID : 17.00000
 Other Action : Not reported
 Action ID : 18.00000
 Other Action : Not reported

Agency Notified:
 Agency ID : 3.00000
 Other Agency : Not reported

Cause of Incident:
 Cause ID : 3.00000
 Other Cause : Not reported

Media:
 Media ID : 4.00000
 Other Media : Not reported

Release Class:
 Class ID : 6.00000
 Other Class : Not reported

Release Type:
 Release ID : 1.00000
 Other Release : Not reported

Waterbody:
 Waterbody ID : Not reported
 Other Wtrbody : Not reported

21
 SW
 1/8-1/4
 1092 ft.

**ANO COIL
 COOLING WTR -SURFACE
 , CT**

**LWDS W991100318
 N/A**

**Relative:
 Higher**

**Actual:
 498 ft.**

LWDS:
 ArcView Legend Symbology: COOL WTR-S
 Leachate and Wastewater Name: COOLING WTR -SURFACE
 Leachate and Wastewater Number: 4500006
 Status of the Discharge Activity: ACTIVE
 Leachate and Waste Flow: SURFACE
 Feature Number on Hazardous Waste List: 0
 Subregional Basin Feature Number: 4500
 Name: ANO Coil
 Alias: Not reported
 Description: cooling water discharge
 Lat/Long: 41.86545 / -72.44576
 State Plane x/y: 1082872 / 876222
 Mercator x/y: -21156513.00086 / 13411524.52692

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

22
South
1/8-1/4
1208 ft.
AMERBELLE CORP.
COOLING WTR -SURFACE
, CT

LWDS **W991100319**
N/A

Relative:
Higher

LWDS:
 ArcView Legend Symbology: COOL WTR-S
 Leachate and Wastewater Name: COOLING WTR -SURFACE
 Leachate and Wastewater Number: 4500005
 Status of the Discharge Activity: ACTIVE
 Leachate and Waste Flow: SURFACE
 Feature Number on Hazardous Waste List: 0
 Subregional Basin Feature Number: 4500
 Name: Amerbelle Corp.
 Alias: Not reported
 Description: cooling water discharge
 Lat/Long: 41.86411 / -72.44325
 State Plane x/y: 1083557 / 875735
 Mercator x/y: -21155781.00221 / 13410999.82547

Actual:
621 ft.

23
West
1/4-1/2
1444 ft.
TRES BON DRIVE IN CLEANERS
20 EAST MAIN STREET
VERNON, CT

SDADB **S104563539**
N/A

Relative:
Lower

Site Discovery and Assessment:
 Facility ID: 5188
 WPC Number : Not reported
 Lat/Long : Not reported
 Lat/Long Determined By : Not reported
 Waste Type 1 : Not reported
 Waste Type 2 : Not reported
 Waste Type 3 : Not reported
 Disposal 1 : Not reported
 Disposal 2 : Not reported
 Disposal 3 : Not reported
 Sample Data Available : False
 Ground Water Quality Classification : Not reported
 Surface Water Quality Classification : Not reported
 PTP Id: 1941
 Postal District: Not reported
 Lat/Lon: Not reported
 Updated By: Not reported
 Update Program: Not reported
 Updated: Not reported
 Duplicate: False
 Comments:
 Referral
 Referral Id: 5364
 Source of referral: PTP
 Date received: 04/28/1994
 Staff assigned: Not reported
 Remediation program: PTP
 Date assigned: / /
 Date completed: 04/28/1994
 Outcome: PTP
 Remedial
 Remedial Id : Not reported
 PTP Id : Not reported
 Remediation Program : Not reported
 Remediation Program Entered : Not reported

Actual:
396 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TRES BON DRIVE IN CLEANERS (Continued)

S104563539

Staff Assigned : Not reported
 Remediation Program : Not reported
 Date assigned : Not reported
 Project Phase : Not reported
 Order issued : Not reported
 Order Number : Not reported
 Date order issued : Not reported
 Remedial Investigation Start : Not reported
 Remedial Investigation Completed : Not reported
 Remedial Design Start : Not reported
 Remedial Design complet : Not reported
 Remedial Action Start : Not reported
 Remedial Action Completed : Not reported
 Date Oper/ maintenance Started : Not reported
 GW monitoring : Not reported
 Remediation complete Approved DEP/Verified by LEP :Not reported

Orders

Order Id : Not reported
 Order number : Not reported
 Date Order Issued : Not reported
 Staff assigned : Not reported
 Type of Order : Not reported
 Order Respondent : Not reported
 Admin Appeal Date : Not reported
 Admin Appeal Ruling : Not reported
 Date of Admin Appeal Ruling : Not reported
 Date of Final Order : Not reported
 Date of Court Appeal : Not reported
 Court ruling : Not reported
 Date of Court Ruling : Not reported
 Date Order Modified : Not reported
 Date Order Revoked : Not reported
 Date Referred to AG : Not reported
 Judgement : Not reported
 Date of AGR judgement : Not reported
 Penalty assessed : Not reported
 Order Complete : Not reported
 In compliance : Not reported
 Comments : Not reported

**D24
 East
 1/4-1/2
 1472 ft.**

**ROOSEVELT MILLS
 215 EAST MAIN STREET
 VERNON, CT**

**US BROWNFIELDS 1006883625
 N/A**

**Relative:
 Lower**

**Site 1 of 5 in cluster D
 US BROWNFIELDS:**

**Actual:
 483 ft.**

Pilot Name: Not reported
 EPA Region: 1
 EPA ID: CTBFN0103022
 Site ID: 103022
 Ownership Type: Not reported
 Action: TARGETED BROWNFIELDS ASSESSMENTS
 Action Complete Date: 01/16/1997

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Database(s)
 EDR ID Number
 EPA ID Number

D25
East
1/4-1/2
1472 ft.

ROOSEVELT MILLS
215 EAST MAIN STREET
VERNON, CT

US BROWNFIELDS **1006883624**
 N/A

Site 2 of 5 in cluster D

Relative:
Lower

US BROWNFIELDS:
 Pilot Name: Not reported
 EPA Region: 1
 EPA ID: CTBFN0103022
 Site ID: 103022
 Ownership Type: Not reported
 Action: TARGETED BROWNFIELDS ASSESSMENTS
 Action Complete Date: 12/14/1998

Actual:
483 ft.

D26
East
1/4-1/2
1472 ft.

215 EAST MAIN STREET
VERNON, CT

CT Spills **S103158764**
Brownfields **N/A**
CT PROPERTY

Site 3 of 5 in cluster D

Relative:
Lower

CT BROWNFIELD:
 Acres: 7.00 acres

Actual:
483 ft.

Case Number: 9701419 Year of Database: 03/24/97 Report Date: 03/24/97 Phone 1 : 860-8728591 Phone 2 : - Area Code 3: Not reported Phone: Not reported Representing: fire marshal vernon Qty (Gallon): 0 Qty (Pound): 0 Concentration: 0 Continuous Spill: False Release Status: Terminated Water Body: Not reported Total (Water): 0 Who Assigned Spill: Not reported Facility Status: CLOSED Emergency Measure: contained - sampled - and removed Assigned To: 916 Discharger: mark metal finishing corp. Responsible Party: NO Released Substance: acids - bases RP Address: 215 east main street VERNON, CT 06066 Date Release : 3/21/97 Waterbody : F Time Responded : / / Historic : False Waterway : Not reported EPA : Not reported EPA Date : Not reported USCG : Not reported USCG Date : Not reported Spill Fund : Not reported Date Authorized : Not reported Discharger Addr : Not reported Accepted By : Not reported	Who Took Spill: 924 Reported By: donald maguda Qty (Yard): 0 Qty (Drum): 3 Recovd (Total):: 3 Telephone: - Time Release : / / Date Responded : Not reported Qty Rec Water : Not reported OPA : Not reported EPA Contact : Not reported EPA Time : Not reported USCG Contact : Not reported USCG Time : Not reported Authorized By : Not reported Time Authorized : Not reported
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S103158764

Date Accepted : Not reported
OCSR Rep : Not reported
Property Owner1 :Not reported
Owner 1 Phone : Not reported
Owner 1 Address :Not reported
Not reported
Owner 2 Area : Not reported
Owner 2 Address :Not reported
Not reported
Transportation : Not reported
Registration : Not reported
Trailer Registrtn : Not reported
License No : Not reported
Owner Area : Not reported
Special Contact : Not reported
Date Requested : Not reported
Date Arrived : Not reported
Time Stamp : 06/06/97
At Inspctr Name : Stavola, Rosanne
Corrective Action:
Action ID : 2.00000
Other Action : Not reported
Action ID : 3.00000
Other Action : Not reported
Action ID : 11.00000
Other Action : Not reported
Agency Notified:
Agency ID : 9.00000
Other Agency : Not reported
Agency ID : 10.00000
Other Agency : Not reported
Cause of Incident:
Cause ID : 26.00000
Other Cause : abandoned facility
Media:
Media ID : 5.00000
Other Media : Not reported
Release Class:
Class ID : 3.00000
Other Class : Not reported
Class ID : 8.00000
Other Class : Not reported
Release Type:
Release ID : 2.00000
Other Release : Not reported
Waterbody:
Waterbody ID : Not reported
Other Wtrbody : Not reported

Time Authorized : Not reported

Owner 1 Area : Not reported

Owner 2 Phone : Not reported

Make : Not reported

Tractor No : Not reported

Vehicle Operator : Not reported

Vehicle Owner : Not reported

Owner Phone : Not reported

Contractor Retained:Not reported

Time Requested : Not reported

Time Arrived : Not reported

Sr Inspector Name :Gothberg, Erik

CT Property:

Date Recieved:

06/06/1986

Property Transfer Forms:

Form III (DEP-PERD-PTP-203) when a discharge, spillage, uncontrolled loss, seepage or filtration of hazardous waste has occurred at the parcel that has not been fully remediated or the environmental conditions at the parcel are unknown. The person signing the Form III certification agrees to investigate and remediate the site in accordance with the remediation standards. The statute does not require completion of remediation before the parcel is transferred. Any person submitting a Form III shall

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EPA ID Number
 EPA ID Number

(Continued)

S103158764

simultaneously submit a completed Environmental Condition Assessment Form (ECAFF)(DEP-PERD-PTP-200).

Seller Name : Quattro I Ltd Ptrshp
 Buyer Name : Roosevelt Mills, Inc.
 Certifying Party : Not reported
 Certifying Attention Person : Not reported
 Title Of Certifying Person : Not reported
 Certifying Person Address : Not reported
 Ackn Date : 11/04/1986
 Determination Date : / /
 LEP Verified/DEP Approval Date : / /

D27
 East
 1/4-1/2
 1472 ft.

ROOSEVELT MILLS
 215 EAST MAIN STREET
 VERNON, CT

US BROWNFIELDS 1006883626
 N/A

Site 4 of 5 in cluster D

Relative:
 Lower

US BROWNFIELDS:
 Pilot Name: Not reported

Actual:
 483 ft.

EPA Region: 1
 EPA ID: CTBFN0103022
 Site ID: 103022
 Ownership Type: Not reported
 Action: TARGETED BROWNFIELDS ASSESSMENTS
 Action Complete Date: 12/14/1998

D28
 East
 1/4-1/2
 1472 ft.

ROOSEVELT MILLS INC
 215 E MAIN ST
 VERNON, CT 06066

RCRIS-SQG 1000380638
FINDS CTD001139955
CERC-NFRAP
SDADB

Site 5 of 5 in cluster D

Relative:
 Lower

CERCLIS-NFRAP Classification Data:
 Site Incident Category: Non-Oil Spill
 Federal Facility: Not a Federal Facility
 Non NPL Code: Removal Only Site (No Site Assessment Work Needed)
 Ownership Status: Private
 NPL Status: Not on the NPL
 CERCLIS-NFRAP Assessment History:
 Assessment: PRP REMOVAL
 Completed: 01/02/1991
 Assessment: ARCHIVE SITE
 Completed: 01/09/1997
 CERCLIS-NFRAP Alias Name(s):
 ROOSEVELT MILLS

RCRIS:

Owner: Not reported
 EPA ID: CTD001139955
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ROOSEVELT MILLS INC (Continued)

1000380638

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined:	04/04/1990
Actual Date Achieved Compliance:	05/13/2002
Regulation Violated:	Not reported
Area of Violation:	FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined:	04/04/1990
Actual Date Achieved Compliance:	05/13/2002
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	07/15/1988
Actual Date Achieved Compliance:	05/13/2002
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	09/08/1988
Penalty Type:	Not reported
Enforcement Action:	CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date:	08/16/1989
Penalty Type:	Not reported

There are 3 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Schedule Evaluation	FORMAL ENFORCEMENT AGREEMENT	20020513
	FORMAL ENFORCEMENT AGREEMENT	20020513
Other Evaluation	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20020513

CT MANIFEST

Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- AIRS/AIRS Facility Subsystem (AIRS/AFS)
- Resource Conservation and Recovery Act Information system (RCRAINFO)
- Targeted Brownfields Assessment (TBA)

Site Discovery and Assessment:

Facility ID:	2885
WPC Number :	Not reported
Lat/Long :	41.8683 / -72.4667
Lat/Long Determined By :	UNK
Waste Type 1 :	Asbestos
Waste Type 2 :	Not reported
Waste Type 3 :	Not reported
Disposal 1 :	PIT
Disposal 2 :	Not reported
Disposal 3 :	Not reported
Sample Data Available :	False
Ground Water Quality Classification :	GA
Surface Water Quality Classification :	A
PTP Id:	Not reported
Postal District:	Not reported
Lat/Lon:	41° 52' 6" / 72° 28' 0"
Updated By:	PARKS, C.
Update Program:	USP
Updated:	12/5/1996

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ROOSEVELT MILLS INC (Continued)

1000380638

Duplicate: False
 Comments: SPILLS RESPONDED TO SPILL TO HOCKANUM RIVER IN 1985. UST'S AT REAR OF FACILITY REMOVED BY EPA AND DEP IN 1991. (12/96) ORDERS: HM-527 AND HM-528 ISSUED 9/8/88 REFERRED TO AG 6/28/89

Referral
 Referral Id: 2698
 Source of referral: USP
 Date received: 12/01/1996
 Staff assigned: Not reported
 Remediation program: Not reported
 Date assigned: / /
 Date completed: 12/05/1996
 Outcome: USP

Remedial
 Remedial Id : 457
 PTP Id : 1940
 Remediation Program : III
 Remediation Program Entered : / /
 Staff Assigned : PARKS, C.
 Remediation Program : USP
 Date assigned : Not reported
 Project Phase : PII
 Order issued : False
 Order Number : Not reported
 Date order issued : / /
 Remedial Investigation Start : Not reported
 Remedial Investigation Completed : / /
 Remedial Design Start : Not reported
 Remedial Design complet : / /
 Remedial Action Start : Not reported
 Remedial Action Completed : Not reported
 Date Oper/ maintenance Started : Not reported
 GW monitoring : False
 Remediation complete Approved DEP/Verified by LEP :Not reported

Orders
 Order Id : Not reported
 Order number : Not reported
 Date Order Issued : Not reported
 Staff assigned : Not reported
 Type of Order : Not reported
 Order Respondent : Not reported
 Admin Appeal Date : Not reported
 Admin Appeal Ruling : Not reported
 Date of Admin Appeal Ruling : Not reported
 Date of Final Order : Not reported
 Date of Court Appeal : Not reported
 Court ruling : Not reported
 Date of Court Ruling : Not reported
 Date Order Modified : Not reported
 Date Order Revoked : Not reported
 Date Referred to AG : Not reported
 Judgement : Not reported
 Date of AGR judgement : Not reported
 Penalty assessed : Not reported
 Order Complete : Not reported
 In compliance : Not reported
 Comments : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ROOSEVELT MILLS INC (Continued)

1000380638

29
 North
 1/4-1/2
 1481 ft.

APOLLO PACKAGING
 20 MOUNTIAN ST
 ROCKVILLE, CT 06066

RCRIS-SQG 1001201499
 FINDS CTR000004044
 SDADB
 CT PROPERTY

Relative:
 Higher

RCRIS:
 Owner: LEONARD KLEINMAN
 (860) 872-8359
 EPA ID: CTR000004044
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported

Actual:
 554 ft.

Violation Status: Violations exist

Regulation Violated: 262.11
 Area of Violation: HAZARDOUS WASTE DETERMINATIONS
 Date Violation Determined: 03/10/2000
 Actual Date Achieved Compliance: 10/31/2000

Regulation Violated: 262.34(a)(1)
 Area of Violation: CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER
 Date Violation Determined: 04/15/1982
 Actual Date Achieved Compliance: 10/31/2000

Enforcement Action: UNILATERAL ORDER, NO PENALTIES
 Enforcement Action Date: 07/27/1988
 Penalty Type: Not reported

Regulation Violated: 262.11
 Area of Violation: HAZARDOUS WASTE DETERMINATIONS
 Date Violation Determined: 04/15/1982
 Actual Date Achieved Compliance: 10/31/2000

Enforcement Action: UNILATERAL ORDER, NO PENALTIES
 Enforcement Action Date: 07/27/1988
 Penalty Type: Not reported

There are 3 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Other Evaluation	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER HAZARDOUS WASTE DETERMINATIONS	20001031
	HAZARDOUS WASTE DETERMINATIONS	20001031
Compliance Evaluation Inspection	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER HAZARDOUS WASTE DETERMINATIONS	20001031

CT MANIFEST

Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Resource Conservation and Recovery Act Information system (RCRAINFO)

CT Property:

Date Received: 02/25/2000
 Property Transfer Forms: Form III (DEP-PERD-PTP-203) when a discharge, spillage, uncontrolled loss, seepage or filtration of hazardous waste has occurred at the parcel that has not been fully remediated or the environmental conditions at the parcel are unknown. The person signing the Form III certification agrees to investigate and remediate the site in accordance with the remediation

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

APOLLO PACKAGING (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001201499

standards. The statute does not require completion of remediation before the parcel is transferred. Any person submitting a Form III shall simultaneously submit a completed Environmental Condition Assessment Form (ECAAF)(DEP-PERD-PTP-200).

Seller Name : David DeAndrade et al
Buyer Name : ATP Plastics, Inc.
Certifying Party : ATP Plastics, Inc.
Certifying Attention Person : Francis B. Jacobs
Title Of Certifying Person : Not reported
Certifying Person Address : 300 Delaware Ave., Suite 900
Wilmington, DE 19801
Ackn Date : 03/17/2000
Determination Date : 04/06/2000
LEP Verified/DEP Approval Date : / /

Site Discovery and Assessment:

Facility ID: 5518
WPC Number : Not reported
Lat/Long : 0 / 0
Lat/Long Determined By : Not reported
Waste Type 1 : Hydrocarbons and/ or Fuel Oil
Waste Type 2 : Not reported
Waste Type 3 : Not reported
Disposal 1 : SPILL/DUMP
Disposal 2 : Not reported
Disposal 3 : Not reported
Sample Data Available : True
Ground Water Quality Classification : GB
Surface Water Quality Classification : A
PTP Id: 0
Postal District: Not reported
Lat/Lon: Not reported
Updated By: HAMEL, M.
Update Program: PTP
Updated: 4/11/2000
Duplicate: False

Comments:
Referral

Referral Id: 5696
Source of referral: PTP
Date received: 02/25/2000
Staff assigned: HAMEL, M.
Remediation program: PTP
Date assigned: 02/25/2000
Date completed: 07/10/2000
Outcome: PTP

Remedial

Remedial Id : 642
PTP Id : 0
Remediation Program : PTP
Remediation Program Entered : / /
Staff Assigned : HAMEL, M.
Remediation Program : PTP
Date assigned : Not reported
Project Phase : 3
Order issued : False
Order Number : Not reported
Date order issued : / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

APOLLO PACKAGING (Continued)

1001201499

Remedial Investigation Start : Not reported
 Remedial Investigation Completed : / /
 Remedial Design Start : Not reported
 Remedial Design complet : / /
 Remedial Action Start : Not reported
 Remedial Action Completed : Not reported
 Date Oper/ maintenance Started : Not reported
 GW monitoring : False
 Remediation complete Approved DEP/Verified by LEP :Not reported

Orders

Order Id : Not reported
 Order number : Not reported
 Date Order Issued : Not reported
 Staff assigned : Not reported
 Type of Order : Not reported
 Order Respondent : Not reported
 Admin Appeal Date : Not reported
 Admin Appeal Ruling : Not reported
 Date of Admin Appeal Ruling : Not reported
 Date of Final Order : Not reported
 Date of Court Appeal : Not reported
 Court ruling : Not reported
 Date of Court Ruling : Not reported
 Date Order Modified : Not reported
 Date Order Revoked : Not reported
 Date Referred to AG : Not reported
 Judgement : Not reported
 Date of AGR judgement : Not reported
 Penalty assessed : Not reported
 Order Complete : Not reported
 In compliance : Not reported
 Comments : Not reported

30
East
1/4-1/2
1799 ft.

ROCKVILLE WATER & AQUEDUCT CO.
INDUSTRIAL PIT
, CT

LWDS **W991100320**
N/A

Relative:
Lower

Actual:
472 ft.

LWDS:

ArcView Legend Symbology: **INDUST PIT**
 Leachate and Wastewater Name: **INDUSTRIAL PIT**
 Leachate and Wastewater Number: **4500003**
 Status of the Discharge Activity: **ACTIVE**
 Leachate and Waste Flow: **GROUND**
 Feature Number on Hazardous Waste List: **0**
 Subregional Basin Feature Number: **4500**
 Name: **Rockville Water & Aqueduct Co.**
 Alias: **Not reported**
 Description: **backwash sludge drying lagoons**
 Lat/Long: **41.86737 / -72.4361**
 State Plane x/y: **1085500 / 876929**
 Mercator x/y: **-21153693.30743 / 13412272.30275**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

31
 WNW
 1/4-1/2
 1877 ft.

85 PROSPECT ST.
 VERNON, CT 06066

CT Spills
 LUST S105443364
 N/A

Relative:
 Lower

LUST:

Actual:
 479 ft.

Computer Generated # : 9197
 Enforcement Data Together : 9378
 LUST ID : 9197
 LUST Case Id : 37223
 Cost Recovery Spill Case # : Not reported
 Site Case Id : - 9901407
 Old SITS Number : Not reported
 UST Site Id : Not reported
 Case Log Id : Not reported
 Monthly Report Id : 0
 UST Facility Id : Not reported
 UST Owner Id : Not reported
 UST Event Id : 9378
 Contact Info : Not reported
 Incident Date : 03/03/99
 Entry Date : Not reported
 Site Contact 1 : Not reported
 Contact 1 Address 1 :
 0
 Contact 1 Add 2 : Not reported
 Contact 1 City 2 : Not reported
 Contact 1 Phone : Not reported
 Contact 1 Fax : Not reported
 Contact 1 Type : Not reported
 Site Contact 2 : Not reported
 Contact 1 Address 1 :
 0
 Contact 2 Address 2 : Not reported
 Contact 2 City 2 : Not reported
 Contact 2 Phone Number : Not reported
 Contact 2 Fax Number : Not reported
 Contact 2 Type : Not reported
 Department Contact 1 : Not reported
 Department Contact 2 : Not reported
 Referral Source : Not reported
 Date Referred : Not reported
 Location Description : Not reported
 Event Description : Not reported
 Work Performed : Not reported
 Environmental Impact : Not reported
 Running Comments : 1000, Heating Oil, PRIVATE, 1000 lust pulled , minor contamination ,
 20 tons removed
 Follow Up : Not reported
 Release Info : Not reported
 Correspondence : Not reported
 Private Heating Fuel : False
 Commercial Heating Fuel : True
 Commercial HF < 2100 Gal. : True
 Commercial HF > 2100 Gal. : False
 Commercial HF - Size Unk : False
 Motor Fuel : False
 Diesel : False
 Gasoline : False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

(Continued)

S105443364

Other Release : Not reported
Leak : False
Tank : False
Piping : False
Overfill : False
Removal : False
Cost Recvry Prgm Candidate : False
OCSR Complete : True
Responsible Party : False
Follow Up Flag : False
Alternate Water Supply : False
Relocation : False
Resp Party Name 1 : Not reported
Resp Party Address 1 : Not reported
Resp Party Phone : Not reported
Resp Party Fax : Not reported
Resp Party Name 2 : Not reported
Resp Party Address 2 : Not reported
Resp Party Phone 2 : Not reported
Resp Party Town Number : 0
LUST Owner Id : Not reported
Investigator Id : 35
Follow Update : Not reported
Lust Status : Completed
Processing Status : Not reported
Area Lextent : Not reported
Annual Precipitation : Not reported
Effectted Population : Not reported
Population Setting : Not reported
Ground Water Direction : Not reported
Ground Water Gradient : Not reported
Hydro Basin : Not reported
Drastic : Not reported
Geo Setting : Not reported
Ground Water Classification : Not reported
Receptor : Not reported
Ground Water Flow Direction : Not reported
Ground Water Depth : Not reported
Areas Of Concern : Not reported
Ground Water Comments : Not reported
Free Product Inches : Not reported
Fund Date : Not reported
Fund Planned : 0
Fund Obligated : 0
Fund Outlaid : 0
Fund Judgment : 0
Fund Recovered : 0
Fund Comments : Not reported
Cellar Borings : False
Install Micro Wells : False
Ground Water Sample : False
Soil Sample : False
Soil Gas : False
Site Inspect : False
Soil Excavate : False
Geo Probe : False

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S105443364

Survey : False
 Potable Well Sample : False
 Ground Water Gauging : False
 Soil Venting : False

Case Number: 9901407
 Year of Database: 03/03/99
 Report Date: 03/03/99
 Phone 1 : 860-6463348
 Phone 2 : -
 Area Code 3: 860
 Phone: 8723831
 Representing: tank works
 Qty (Gallon): 0
 Qty (Pound): 0
 Concentration: 0

Who Took Spill: 933
 Reported By: david upton

Continuous Spill: False
 Release Status: Terminated
 Water Body: Not reported
 Total (Water): 0

Qty (Yard): 0
 Qty (Drum): 0

Who Assigned Spill: Not reported
 Facility Status: Closed

Recovd (Total):: 0

Emergency Measure: 1000 lust pulled , minor contamination , 20 tons removed
 Assigned To: 0

Discharger: grace bible baptist church
 Responsible Party: YES
 Released Substance: #2 FUEL OIL
 RP Address: 85 prospect st
 VERNON, CT 06066

Telephone: 860-8723831

Date Release : 3/3/99
 Waterbody : F
 Time Responded : / /

Time Release : / /
 Date Responded : Not reported

Historic : False
 Waterway : Not reported
 EPA : Not reported
 EPA Date : Not reported
 USCG : Not reported
 USCG Date : Not reported
 Spill Fund : Not reported
 Date Authorized : Not reported
 Discharger Addr : Not reported

Qty Rec Water : Not reported
 OPA : Not reported
 EPA Contact : Not reported
 EPA Time : Not reported
 USCG Contact : Not reported
 USCG Time : Not reported
 Authorized By : Not reported
 Time Authorized : Not reported

Accepted By : Not reported
 Date Accepted : Not reported
 OCSR Rep : Not reported
 Property Owner1 : Not reported
 Owner 1 Phone : Not reported
 Owner 1 Address : Not reported
 Not reported

Time Authorized : Not reported

Owner 1 Area : Not reported

Owner 2 Area : Not reported
 Owner 2 Address : Not reported
 Not reported

Owner 2 Phone : Not reported

Transportation : Not reported
 Registration : Not reported
 Trailer Registrtn : Not reported
 License No : Not reported
 Owner Area : Not reported
 Special Contact : Not reported

Make : Not reported
 Tractor No : Not reported
 Vehicle Operator : Not reported
 Vehicle Owner : Not reported
 Owner Phone : Not reported
 Contractor Retained: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S105443364

Date Requested : Not reported
Date Arrived : Not reported
Time Stamp : 03/11/99
At Inspctr Name : **NO RESPONSE

Time Requested : Not reported
Time Arrived : Not reported
Sr Inspector Name : Santacrocce, Jim

Corrective Action:

Action ID : 5.00000
Other Action : Not reported
Action ID : 17.00000
Other Action : Not reported
Action ID : 18.00000
Other Action : Not reported

Agency Notified:

Agency ID : 3.00000
Other Agency : Not reported

Cause of Incident:

Cause ID : 3.00000
Other Cause : Not reported

Media:

Media ID : 4.00000
Other Media : Not reported
Media ID : 6.00000
Other Media : tank grave

Release Class:

Class ID : 6.00000
Other Class : Not reported

Release Type:

Release ID : 1.00000
Other Release : Not reported

Waterbody:

Waterbody ID : Not reported
Other Wtrbody : Not reported

32
ENE
1/2-1
2686 ft.

ROCKVILLE WATER & AQUEDUCT CO.
BACKWASH WATER
, CT

LWDS W991100321
N/A

Relative:
Higher

LWDS:

ArcView Legend Symbology: BACKWASH
Leachate and Wastewater Name: BACKWASH WATER

Actual:
525 ft.

Leachate and Wastewater Number: 4500002
Status of the Discharge Activity: ACTIVE
Leachate and Waste Flow: SURFACE
Feature Number on Hazardous Waste List: 0
Subregional Basin Feature Number: 4500
Name: Rockville Water & Aqueduct Co.
Alias: Not reported
Description: filter backwash discharge
Lat/Long: 41.87016 / -72.43357
State Plane x/y: 1086185 / 877950
Mercator x/y: -21152954.35329 / 13413364.29145

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

33
East
1/2-1
3131 ft.

MARK METAL FINISHING CORP.
COOLING WTR -SURFACE
, CT

LWDS **W991100322**
N/A

Relative: **Higher**
Actual: **561 ft.**

LWDS:
 ArcView Legend Symbology: COOL WTR-S
 Leachate and Wastewater Name: COOLING WTR -SURFACE
 Leachate and Wastewater Number: 4500004
 Status of the Discharge Activity: ACTIVE
 Leachate and Waste Flow: SURFACE
 Feature Number on Hazardous Waste List: 0
 Subregional Basin Feature Number: 4500
 Name: Mark Metal Finishing Corp.
 Alias: Not reported
 Description: cooling water discharge
 Lat/Long: 41.86707 / -72.43122
 State Plane x/y: 1086831 / 876824
 Mercator x/y: -21152266.58005 / 13412155.24179

34
South
1/2-1
3397 ft.

TOWN OF VERNON
LANDFILL
, CT

LWDS **W991100490**
N/A

Relative: **Higher**
Actual: **571 ft.**

LWDS:
 ArcView Legend Symbology: LANDFILL
 Leachate and Wastewater Name: LANDFILL
 Leachate and Wastewater Number: 4503005
 Status of the Discharge Activity: INACTIVE
 Leachate and Waste Flow: GROUND
 Feature Number on Hazardous Waste List: 0
 Subregional Basin Feature Number: 4503
 Name: Town of Vernon
 Alias: Not reported
 Description: closed mixed waste landfill
 Lat/Long: 41.85812 / -72.44152
 State Plane x/y: 1084036 / 873553
 Mercator x/y: -21155275.02164 / 13408659.56779

35
WSW
1/2-1
3805 ft.

INDUSTRIAL WASTEWTR
, CT

LWDS **W991100582**
N/A

Relative: **Lower**
Actual: **290 ft.**

LWDS:
 ArcView Legend Symbology: INDUST WTR
 Leachate and Wastewater Name: INDUSTRIAL WASTEWTR
 Leachate and Wastewater Number: 4500007
 Status of the Discharge Activity: ACTIVE
 Leachate and Waste Flow: SURFACE
 Feature Number on Hazardous Waste List: 0
 Subregional Basin Feature Number: 4500
 Name: Not reported
 Alias: Not reported
 Description: Not reported
 Lat/Long: 41.8645 / -72.45612
 State Plane x/y: 1080052 / 875864
 Mercator x/y: -21159537.49286 / 13411151.58308

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	

(Continued)

W991100582

36 South 1/2-1 4887 ft.	NEW ENGLAND WOODCRAFTING IND/MFG WASTEWTR DIS , CT	LWDS	W991100327 N/A
-----------------------------------------	------------------------------------------------------------------------	-------------	--------------------------

Relative:
Higher

Actual:
564 ft.

LWDS:

ArcView Legend Symbology:	IND/MF WTR
Leachate and Wastewater Name:	IND/MFG WASTEWTR DIS
Leachate and Wastewater Number:	4503006
Status of the Discharge Activity:	ACTIVE
Leachate and Waste Flow:	GROUND
Feature Number on Hazardous Waste List:	0
Subregional Basin Feature Number:	4503
Name:	New England Woodcrafting
Alias:	Not reported
Description:	caustic rinse, methylene chloride to drywell
Lat/Long:	41.85406 / -72.44089
State Plane x/y:	1084214 / 872073
Mercator x/y:	-21155090.55715 / 13407071.80834

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ELLINGTON	1000427805	REFUSE GARDENS	ROUTE 140 (SADDS MILL ROAD)	06029	CERCLIS, FINDS, SDADB
ELLINGTON	S103163026		ROUTE 140	06029	SWF/LF, CT Spills
ELLINGTON	S104253774	CORBIN-GENTRY INC.	ROUTE 83	06029	SDADB
ELLINGTON	S104627623		RTE 83	06029	CT Spills, LUST
ELLINGTON	S100996707	MUNICIPAL LANDFILL	HOFFMAN ROAD	06029	SHWS
TALCOTTVILLE	1000170563	MANCHESTER CHRYSLER PLYMOUTH INCORPORAT	ROUTE 83	06066	RCRIS-SQG, FINDS
VERNON	1000268394	YANKEE MACHINE CO	RTE 30	06066	RCRIS-SQG, FINDS
VERNON	S102414228	GEORGETOWN COMMONS	RTE. 30	06066	LUST
VERNON	S102414230	GEORGETOWN COMMONS APTS.	RTE. 30	06066	LUST
VERNON	S104563533	CL&P	ROUTE 30	06066	SDADB, LUST, CT PROPERTY
VERNON	1004681198	LIPMAN VOLKSWAGEN INC	RTE 83	06066	RCRIS-SQG, FINDS
VERNON	U003807032	GROVE HILL CEMETARY	GROVE ST.	06066	UST
VERNON	S104877012		HOCKANUM BOULEVARD		SWF/LF
VERNON	S100996857	NORTHEAST UTILITIES	OFF ROUTE 83	06066	SHWS
VERNON	S105443162		695 TALCOTVILLE RD BLDG #4	06066	CT Spills, LUST
VERNON	S105456581	BURTON PHELPS	1 UPPER BUTCHER RD.	06066	LUST
VERNON-ROCKVILLE	S105457630	CLYDE CHEVROLET	RT. 83	06066	LUST

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D006	CADMIUM
D008	LEAD
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA
Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/21/03
Date Made Active at EDR: 12/08/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/03/03
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/03/03

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA
Telephone: N/A

Date of Government Version: 10/14/03
Date Made Active at EDR: 12/08/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/01/03
Elapsed ASTM days: 7
Date of Last EDR Contact: 11/03/03

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA
Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/11/03
Date Made Active at EDR: 10/29/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/03
Elapsed ASTM days: 35
Date of Last EDR Contact: 12/22/03

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA
Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/03
Date Made Active at EDR: 10/29/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/03
Elapsed ASTM days: 35
Date of Last EDR Contact: 12/22/03

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/17/03
Date Made Active at EDR: 11/11/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/01/03
Elapsed ASTM days: 41
Date of Last EDR Contact: 12/08/03

RCRIS: Resource Conservation and Recovery Information System

Source: EPA

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/03
Date Made Active at EDR: 10/01/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/11/03
Elapsed ASTM days: 20
Date of Last EDR Contact: 11/18/03

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/02
Date Made Active at EDR: 02/03/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/03
Elapsed ASTM days: 7
Date of Last EDR Contact: 10/27/03

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/01
Database Release Frequency: Biennially

Date of Last EDR Contact: 12/16/03
Date of Next Scheduled EDR Contact: 03/15/04

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/09/03

Database Release Frequency: Annually

Date of Last EDR Contact: 10/08/03

Date of Next Scheduled EDR Contact: 01/05/04

DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/21/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/03/03

Date of Next Scheduled EDR Contact: 02/02/04

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA

Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 08/11/03

Database Release Frequency: Annually

Date of Last EDR Contact: 10/23/03

Date of Next Scheduled EDR Contact: 01/19/04

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/16/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 08/27/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/29/03

Date of Next Scheduled EDR Contact: 03/29/04

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/21/03
Date of Next Scheduled EDR Contact: 02/23/04

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-564-3887

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/30/03
Database Release Frequency: Annually

Date of Last EDR Contact: 11/12/03
Date of Next Scheduled EDR Contact: 02/09/04

DOD: Department of Defense Sites

Source: USGS
Telephone: 703-648-5920

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/12/03
Date of Next Scheduled EDR Contact: 02/09/04

STORMWATER: Storm Water General Permits

Source: Environmental Protection Agency
Telephone: 202 564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: N/A
Database Release Frequency: Quarterly

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency
Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/15/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/17/03
Date of Next Scheduled EDR Contact: 03/15/04

RMP: Risk Management Plans

Source: Environmental Protection Agency
Telephone: 202-564-8600

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Database Release Frequency: N/A

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

RAATS: RCRA Administrative Action Tracking System

Source: EPA
Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/08/03
Date of Next Scheduled EDR Contact: 03/08/04

TRIS: Toxic Chemical Release Inventory System

Source: EPA
Telephone: 202-566-0250

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 12/22/03
Date of Next Scheduled EDR Contact: 03/22/04

TSCA: Toxic Substances Control Act

Source: EPA
Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/02
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA
Telephone: 202-564-2501

Date of Government Version: 10/16/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/22/03
Date of Next Scheduled EDR Contact: 03/22/04

SSTS: Section 7 Tracking Systems

Source: EPA
Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/16/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/22/03
Date of Next Scheduled EDR Contact: 03/22/04

STATE OF CONNECTICUT ASTM STANDARD RECORDS

SHWS: Inventory of Hazardous Disposal Sites

Source: Department of Environmental Protection
Telephone: 860-424-3721

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 08/04/98
Date Made Active at EDR: 11/19/98
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/01/98
Elapsed ASTM days: 79
Date of Last EDR Contact: 11/07/03

SWF/LF: List of Landfills/Transfer Stations

Source: Department of Environmental Protection
Telephone: 860-424-3366

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/01/02
Date Made Active at EDR: 03/17/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 02/26/03
Elapsed ASTM days: 19
Date of Last EDR Contact: 11/24/03

LUST: Leaking Underground Storage Tank List

Source: Department of Environmental Protection
Telephone: 860-424-3376

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 11/03/03
Date Made Active at EDR: 11/26/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/05/03
Elapsed ASTM days: 21
Date of Last EDR Contact: 11/03/03

UST: Underground Storage Tank Data

Source: Department of Environmental Protection
Telephone: 860-424-3376

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/15/03
Date Made Active at EDR: 10/21/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/15/03
Elapsed ASTM days: 6
Date of Last EDR Contact: 12/29/03

SWRCY: Recycling Facilities

Source: Department of Environmental Protection
Telephone: 860-424-3223

A listing of recycling facilities.

Date of Government Version: 08/27/03
Date Made Active at EDR: 10/31/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 10/07/03
Elapsed ASTM days: 24
Date of Last EDR Contact: 11/24/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VCP: Voluntary Remediation Sites

Source: Department of Environmental Protection
Telephone: 860-424-3705
Sites involved in the Voluntary Remediation Program.

Date of Government Version: 04/17/03
Date Made Active at EDR: 05/21/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/09/03
Elapsed ASTM days: 12
Date of Last EDR Contact: 11/17/03

STATE OF CONNECTICUT ASTM SUPPLEMENTAL RECORDS

SPILLS: Oil & Chemical Spill Database

Source: Department of Environmental Protection
Telephone: 860-424-3254
Oil and Chemical Spill Data.

Date of Government Version: 11/18/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/03/03
Date of Next Scheduled EDR Contact: 02/02/04

SDADB: Site Discovery and Assessment Database

Source: Department of Environmental Protection
Telephone: 860-424-3721

All sites reported to Permitting, Enforcement, and Remediation Division where it is suspected that hazardous waste may have been disposed or sites that are eligible for listing on the State Inventory of Hazardous Waste Disposal Sites.

Date of Government Version: 09/05/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/07/03
Date of Next Scheduled EDR Contact: 02/02/04

LWDS: Connecticut Leachate and Wastewater Discharge Sites

Source: Department of Environmental Protection
Telephone: N/A

The Leachate and Waste Water Discharge Inventory Data Layer (LWDS) includes point locations digitized from Leachate and Wastewater Discharge Source maps compiled by the Connecticut DEP. These maps locate surface and groundwater discharges that (1) have received a waste water discharge permit from the state or (2) are historic and now defunct waste sites or (3) are locations of accidental spills, leaks, or discharges of a variety of liquid or solid wastes.

Date of Government Version: 09/22/99
Database Release Frequency: Varies

Date of Last EDR Contact: 11/12/03
Date of Next Scheduled EDR Contact: 02/09/04

CT PROPERTY: Property Transfer Filings

Source: Department of Environmental Protection
Telephone: 860-424-3789

A listing of sites that meet the definition of a hazardous waste establishment. They can be generators, dry cleaners, furniture strippers, etc. These sites have been sold to another owner.

Date of Government Version: 11/26/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/17/03
Date of Next Scheduled EDR Contact: 02/02/04

MANIFEST: Hazardous Waste Manifest Data

Source: Department of Environmental Protection
Telephone: 860-424-3375
Hazardous waste manifest information.

Date of Government Version: 06/14/02
Database Release Frequency: Annually

Date of Last EDR Contact: 12/16/03
Date of Next Scheduled EDR Contact: 03/15/04

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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BROWNFIELDS DATABASES

Brownfields: Brownfields Inventory

Source: Connecticut Brownfields Redevelopment Authority
Telephone: 860-258-7833

Date of Government Version: 10/20/03
Database Release Frequency: Varies

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

VCP: Voluntary Remediation Sites

Source: Department of Environmental Protection
Telephone: 860-424-3705
Sites involved in the Voluntary Remediation Program.

Date of Government Version: 04/17/03
Database Release Frequency: Varies

Date of Last EDR Contact: 11/17/03
Date of Next Scheduled EDR Contact: 02/02/04

INST CONTROL: ELUR Sites

Source: Department of Environmental Protection
Telephone: 860-424-3912
Environmental Land Use Restriction sites.

Date of Government Version: 09/01/03
Database Release Frequency: Varies

Date of Last EDR Contact: 12/08/03
Date of Next Scheduled EDR Contact: 03/08/04

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency
Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: N/A
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Care Facilities

Source: Department of Public Health

Telephone: 860-509-8045

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

AMERBELLE CORPORATION
104 EAST MAIN STREET
VERNON, CT 06066

TARGET PROPERTY COORDINATES

Latitude (North):	41.867401 - 41° 52' 2.6"
Longitude (West):	72.442703 - 72° 26' 33.7"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	712242.2
UTM Y (Meters):	4638003.0
Elevation:	487 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

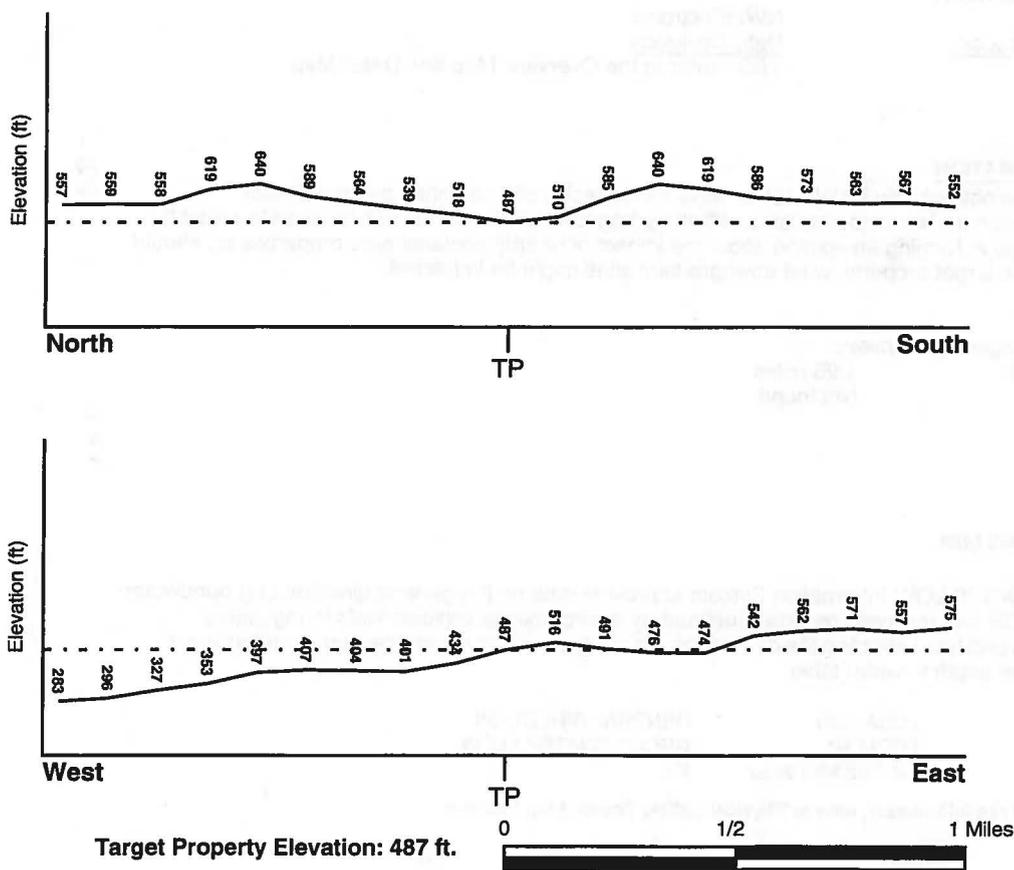
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 41072-G4 ROCKVILLE, CT
 General Topographic Gradient: General WNW
 Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> TOLLAND, CT	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	090131005B
Additional Panels in search area:	090171005A 0901580015C 0901710015A

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> ROCKVILLE	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A1	1/4 - 1/2 Mile West	E

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Ordovician
Series: Ordovician volcanic rocks
Code: Ov (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Volcanic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: WETHERSFIELD

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	8 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
2	8 inches	26 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
3	26 inches	65 inches	gravelly - loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 0.20 Min: 0.00	Max: 6.00 Min: 4.50

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: very stony - loam
 very stony - silt loam
 silt loam
 gravelly - sandy loam
 fine sandy loam
 very stony - fine sandy loam

Surficial Soil Types: very stony - loam
 very stony - silt loam
 silt loam
 gravelly - sandy loam
 fine sandy loam
 very stony - fine sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: loam
 stratified
 unweathered bedrock
 gravelly - sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
3	USGS0192665	1/2 - 1 Mile SSE
4	USGS0192596	1/2 - 1 Mile South

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

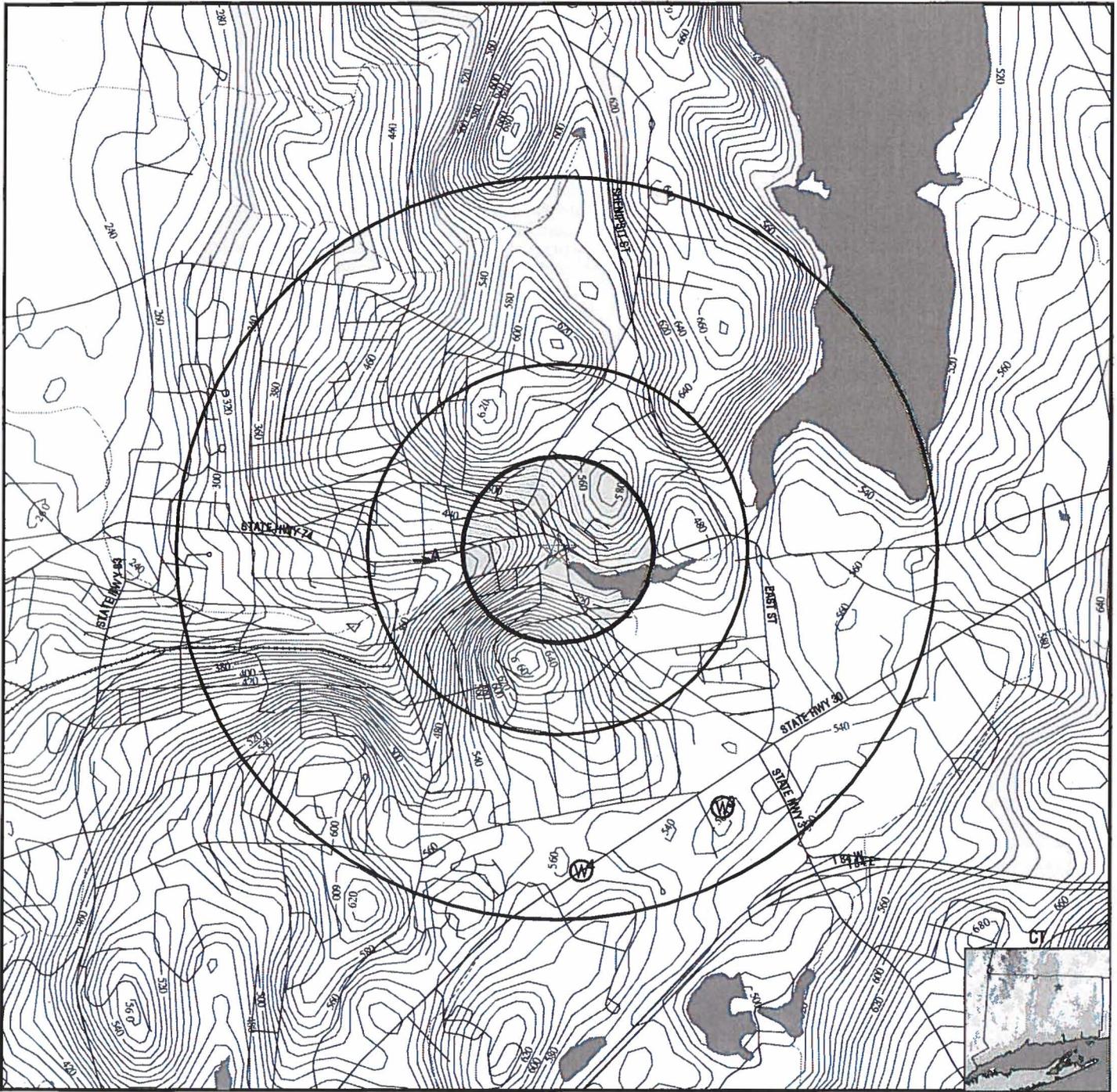
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	CT0480092	1/4 - 1/2 Mile West

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 1110231.2s



County Boundary

Major Roads

Contour Lines

Earthquake epicenter, Richter 5 or greater

Water Wells

Public Water Supply Wells

Cluster of Multiple Icons

Groundwater Flow Direction

EPA Designated Sole Src. Aq.

Indeterminate Groundwater Flow at Location

Groundwater Flow Varies at Location

Closest Hydrogeological Data



TARGET PROPERTY: Amerbelle Corporation
ADDRESS: 104 East Main Street
CITY/STATE/ZIP: Vernon CT 06066
LAT/LONG: 41.8674 / 72.4427

CUSTOMER: GeoDesign, Inc.
CONTACT: Timothy Carr
INQUIRY #: 1110231.2s
DATE: January 12, 2004 7:48 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1	Site ID:	820952		
West	Groundwater Flow:	E	AQUIFLOW	34937
1/4 - 1/2 Mile	Shallowest Water Table Depth:	Not Reported		
Lower	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	Not Reported		
	Date:	01/22/1992		

A2			FRDS PWS	CT0480092
West				
1/4 - 1/2 Mile				
Lower				

PWS ID:	CT0480092	PWS Status:	Active
Date Initiated:	7706	Date Deactivated:	Not Reported
PWS Name:	ROBERT GALETT 27 LAWRENCE STREET ROCKVILLE, CT 06066		

Addressee / Facility: System Owner/Responsible Party
COUNTRY SQUIRE RESTAURANT
ROUTE 83
ELLINGTON, CT 06029

Facility Latitude:	41 52 00	Facility Longitude:	072 27 00
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00000050

PWS currently has or had major violation(s) or enforcement: No

3			FED USGS	USGS0192665
SSE				
1/2 - 1 Mile				
Higher				

Agency:	USGS	Site ID:	415126072260501
Site Name:	CT-V 76		
Dec. Latitude:	41.85732		
Dec. Longitude:	-72.43425		
Coord Sys:	NAD83		
State:	CT		
County:	Tolland County		
Altitude:	540.00		
Hydrologic code:	01080205		
Topographic:	Hillside (slope)		
Site Type:	Ground-water other than Spring		
Const Date:	1958	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	112DFSF		
Aquifer type:	Not Reported		
Well depth:	108		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
<hr style="border-top: 1px dashed black;"/>		
1958-08-01	39.00	

4
South
1/2 - 1 Mile
Higher

FED USGS USGS0192596

Agency:	USGS	Site ID:	415117072263101
Site Name:	CT-V 51		
Dec. Latitude:	41.85482		
Dec. Longitude:	-72.44147		
Coord Sys:	NAD83		
State:	CT		
County:	Tolland County		
Altitude:	550.00		
Hydrologic code:	01080205		
Topographic:	Flat surface		
Site Type:	Ground-water other than Spring		
Const Date:	1956	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	100		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
<hr style="border-top: 1px dashed black;"/>		
1956-02-01	12.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CT Radon

Radon Test Results

City	Total Sites	Pct. < 4 Pci/L	4 < 10 Pci/L	10 < 20 Pci/L	> 20 Pci/L
ANDOVER	84	66	13	5	0
ASHFORD	5	5	0	0	0
BOLTON	15	13	2	0	0
COLUMBIA	7	7	0	0	0
COVENTRY	11	10	1	0	0
ELLINGTON	6	4	2	0	0
HEBRON	9	9	0	0	0
MANSFIELD	106	92	11	3	0
SOMERS	5	4	1	0	0
STAFFORD	12	11	1	0	0
TOLLAND	12	11	1	0	0
UNION	2	2	0	0	0
VERNON	17	15	2	0	0
WILLINGTON	8	7	1	0	0

Federal EPA Radon Zone for TOLLAND County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 06066

Number of sites tested: 13

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.150 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.123 pCi/L	85%	15%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[®] Information System

Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water
Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water
Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Connecticut Leachate and Wastewater Discharge Sites

Source: Department of Environmental Protection

The Leachate and Waste Water Discharge Inventory Data Layer (LWDS) includes point locations digitized from Leachate and Wastewater Discharge Source maps compiled by the Connecticut DEP. These maps locate surface and groundwater discharges that (1) have received a waste water discharge permit from the state or (2) are historic and now defunct waste sites or (3) are locations of accidental spills, leaks, or discharges of a variety of liquid or solid wastes.

EPA-Approved Sole Source Aquifers in Connecticut

Source: EPA

Sole source aquifers are defined as an aquifer designated as the sole or principal source of drinking water for a given aquifer service area; that is, an aquifer which is needed to supply 50% or more of the drinking water for the area and for which there are no reasonable alternative sources should the aquifer become contaminated.

Community and Non-Community Water System Wells

Source: Department of Public Health, Water Supplies Section

Telephone: 860-509-7333

Active, emergency and inactive wells used for potable purposes that are owned and operated by active community and non-community water systems in Connecticut.

RADON

State Database: CT Radon

Source: Department of Public Health

Telephone: 860-509-7367

Radon Statistical Summary

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

SECRET

1. The purpose of this document is to provide a comprehensive overview of the current status of the project and to identify the key areas that require attention.

2. The project has made significant progress since the last meeting, with several key milestones being achieved. However, there are still a number of challenges that need to be addressed.

3. The main areas of concern are the lack of resources, the need for better communication, and the need for a more structured approach to the work.

4. It is recommended that the following actions be taken to address these issues: (a) Increase the number of staff, (b) Improve communication, and (c) Develop a more structured approach to the work.

5. The project team should meet regularly to discuss progress and to identify any new issues that arise. It is also important to keep the sponsor informed of the project's status.

6. The project is currently on track, but it is important to remain vigilant and to address any issues as they arise. The project team should continue to work hard to ensure that the project is completed on time and within budget.

7. The project is a complex one, and it is important to have a clear understanding of the goals and objectives. It is also important to have a good working relationship with the sponsor and the other stakeholders.

8. The project is a challenging one, but it is also a rewarding one. It is important to stay motivated and to work hard to achieve the project's goals.

9. The project is a long-term one, and it is important to have a clear vision of the future. It is also important to have a good understanding of the risks and to have a plan to manage them.

10. The project is a complex one, and it is important to have a clear understanding of the goals and objectives. It is also important to have a good working relationship with the sponsor and the other stakeholders.

11. The project is a challenging one, but it is also a rewarding one. It is important to stay motivated and to work hard to achieve the project's goals.

12. The project is a long-term one, and it is important to have a clear vision of the future. It is also important to have a good understanding of the risks and to have a plan to manage them.

13. The project is a complex one, and it is important to have a clear understanding of the goals and objectives. It is also important to have a good working relationship with the sponsor and the other stakeholders.



**APPENDIX 5
LIMITATIONS**



7. The conclusions and recommendations contained in this report are based in part upon the data obtained from a limited number of soil and/or groundwater samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.
8. Water level readings have been made in the test pits, borings, and/or observation wells at the times and under the conditions stated on the test pit or boring logs. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.
9. Except as noted within the text of the report, no quantitative laboratory testing was performed as part of the site assessment. Where such analyses have been conducted by an outside laboratory, GeoDesign has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these data.
10. The conclusions and recommendations contained in this report are based in part upon various types of chemical data and are contingent upon their validity. These data have been reviewed and interpretations made in the report. As indicated within the report, some of these data are preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data should be reviewed by GeoDesign, and the conclusions and recommendations presented herein modified accordingly.
11. Chemical analyses have been performed for specific parameters during the course of this site assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the site.
12. It is recommended that GeoDesign be retained to provide further engineering services during construction and/or implementation of any remedial measures recommended in this report. This is to allow GeoDesign to observe compliance with the concepts and recommendations contained herein, and to allow the development of design changes in the event that subsurface conditions differ from those anticipated.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the integrity of the financial system and for the ability to detect and prevent fraud.

2. The second part of the document outlines the specific requirements for record-keeping, including the need to maintain original documents and to keep copies of all supporting documents. It also discusses the importance of ensuring that records are accessible and retrievable.

3. The third part of the document discusses the importance of training staff on record-keeping procedures. It emphasizes that all staff involved in the financial process must be trained to ensure that records are maintained accurately and consistently.

4. The fourth part of the document discusses the importance of regular audits of records. It emphasizes that audits are necessary to ensure that records are accurate and complete, and to identify any areas where improvements can be made.

5. The fifth part of the document discusses the importance of maintaining records for a sufficient period of time. It emphasizes that records should be kept for at least as long as they are needed for legal and regulatory purposes.

6. The sixth part of the document discusses the importance of protecting records from loss or damage. It emphasizes that records should be stored in a secure and protected environment, and that backup procedures should be in place to ensure that records are recoverable in the event of a disaster.

7. The seventh part of the document discusses the importance of reviewing and updating record-keeping procedures. It emphasizes that procedures should be reviewed regularly to ensure that they remain current and effective.

8. The eighth part of the document discusses the importance of reporting any issues or concerns related to record-keeping. It emphasizes that staff should be encouraged to report any problems, and that management should take prompt action to address any issues.

9. The ninth part of the document discusses the importance of maintaining a clear and concise record-keeping policy. It emphasizes that the policy should be easy to understand and follow, and that it should be communicated to all staff.

10. The tenth part of the document discusses the importance of monitoring and evaluating the effectiveness of record-keeping procedures. It emphasizes that regular monitoring and evaluation are necessary to ensure that procedures are working as intended and to identify any areas for improvement.